

Scout Report sent out
Noted in the NID File
Location map pinned
Approval or Disapproval Letter

☒
☒
☒
☒

Date Completed, P. & A. or
operations suspended

11-1-57

Pin changed on location map

☐

Affidavit and Record of A & P

☐

Water Shut-Off Test

☐

Gas-Oil Ratio Test

☐

Well Log Filed

☒

Converted to water injection well July 1962 - started injecting in August, 1962

FILE NOTATIONS

Entered in NID File
Entered On Chart
Location Map Pinned
Card Indexed
NWR for State or Fed Land

☒
☒
☒
☒
☒

Checked by Chief
Copy NID to Field Office
Approval Letter
Disapproval Letter

☒
☐
☐
☐

COMPLETION DATA

Date Well Completed 11/1/57

OW ☒ WW ☐ TS ☐

EW ☐ GS ☐ PL ☐

Location Inspected
Borehole ID
State of Fed Land

☐
☐
☐

3/27/58 LOGS FILED

II Logs (No.) 6

E ☒ L ☐

Lat ☒ M-L ☐

E-I ☒

GR ☐

CR-N ☐

Micro ☐

Sonic ☐

Others ☐

*Temperature
Radioactivity*

X	17	

(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Indian Agency Navajo
Allottee 14-20-603-263
Lease No. _____

SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL.....	<input checked="" type="checkbox"/>	SUBSEQUENT REPORT OF WATER SHUT-OFF.....	
NOTICE OF INTENTION TO CHANGE PLANS.....		SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING.....	
NOTICE OF INTENTION TO TEST WATER SHUT-OFF.....		SUBSEQUENT REPORT OF ALTERING CASING.....	
NOTICE OF INTENTION TO REDRILL OR REPAIR WELL.....		SUBSEQUENT REPORT OF REDRILLING OR REPAIR.....	
NOTICE OF INTENTION TO SHOOT OR ACIDIZE.....		SUBSEQUENT REPORT OF ABANDONMENT.....	
NOTICE OF INTENTION TO PULL OR ALTER CASING.....		SUPPLEMENTARY WELL HISTORY.....	
NOTICE OF INTENTION TO ABANDON WELL.....			

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

August 5, 1957

Navajo Tract 114

Well No. 7 is located 2140 ft. from S line and 660 ft. from W line of sec. 17
N 5W Sec 17 41S 25E SLM
(1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)
McClure Creek San Juan Utah
(Field) (County or Subdivision) (State or Territory)

The elevation of the derrick floor above sea level is _____ ft. 1459.3 oil ungraded.

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudlogging jobs, cementing points, and all other important proposed work)

Rotary drilling equipment will be used to drill to approximately 5700' to test the potentially productive Permian and Paradox formations. Surface casing: 600' to 2000' of 10-3/4" OD 32.75% & 40.5% steel casing, depending upon the presence or absence of a water flow, casing to be cemented to the surface. Oil string 7" OD or 5 1/2" OD casing as available, cemented with required amount of cement. Mud: conventional and oil/gyp or salt base mud as required. Drill stem tests: all oil and gas shows will be tested. Logs: Electric logs etc will be run before setting casing or abandonment. Stimulation treatments such as acidizing or hydraulic fracturing may be employed in completion.

I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

Company The Carter Oil Company

Address Box 114

Durango, Colorado

By B. A. Bradley
District Superintendent
 Title District Superintendent

DIV NO. _____ BLOCK NAME NAVAJO-TRAC 114 LEASE NO. _____

LESSOR

TOTAL ACCUMULATED INTEREST:	\$ 1,789,000
-----------------------------	--------------

STATE _____ COUNTY _____ SEC _____ T _____ R _____ ACRES _____

DESCRIPTION AND INTEREST:

PROPOSED LOCATION
WELL #7

R-25-E

06 CARTER	01 CARTER	SUPERIOR
7 05	8 04	9
CARTER	03 CARTER	WESTERN STATES REFINERY
18	17 07 PROPOSED	16 NAVAJO
		SUPERIOR
19	20	21
CARTER	CARTER	CARTER-SUPERIOR

IF USED FOR PIPE LINE DIAGRAM — PLEASE SUPPLY THE FOLLOWING INFORMATION

Total Length and Size of Pipe Laid

Total Length and Size of Pipe Laid.

Total Length and Size of Pipe Taken Up _____ Pipe Transferred to _____

Total Length and Size of Pipe Taken Up

Depth Buried _____ Painted _____ Screw _____ Welded or Coupled _____ List Fittings (on back of this sheet if necessary)

Depth Buried _____ Pa

Date _____ District _____ Farm or Plant _____

Date _____ District _____

(Mail to Engineering Department - Tulsa)

T
41
S

When used as 1/4" Section Scale, 1" = 400'

When used as Section Scale, 1" = 800'

When used as 4 Sections Scale, 1" = 1600'

Place check mark after scale used.

Plat made by _____ Date _____

1/2" Base Map _____ Date _____

Plat Book (Pend.) Date (Comp.) Date

Block Map (Pend.) _____ Date _____ (Comp.) _____ Date _____

Block Map Tr. (Pend.) _____ Date _____ (Comp.) _____ Date _____

August 7, 1957

The Carter Oil Company
Box 444
Durango, Colorado

Gentlemen:

This is to acknowledge receipt of your notice of intention to drill Well No. Navajo Tract 114 - 7, which is to be located 2140 feet from the south line and 660 feet from the west line of Section 17, Township 41 South, Range 25 East, SEEM, San Juan County, Utah.

Please be advised that insofar as this office is concerned, approval to drill said well is hereby granted.

Yours very truly,

OIL & GAS CONSERVATION COMMISSION

OLEON B. FEIGHT
SECRETARY

CBF:en

cc: Phil McGrath
USGS, Farmington, N. M.

Don Russell
USGS, Federal Bldg. SLC, Ut.

(SUBMIT IN TRIPLICATE)

Indian Agency Navajo

x	17	

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

 Allottee _____
 Lease No. 14-20-603-263

SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL	SUBSEQUENT REPORT OF WATER SHUT-OFF	
NOTICE OF INTENTION TO CHANGE PLANS	SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING	
NOTICE OF INTENTION TO TEST WATER SHUT-OFF	SUBSEQUENT REPORT OF ALTERING CASING	
NOTICE OF INTENTION TO REDRILL OR REPAIR WELL	SUBSEQUENT REPORT OF REDRILLING OR REPAIR	
NOTICE OF INTENTION TO SHOOT OR ACIDIZE	SUBSEQUENT REPORT OF ABANDONMENT	
NOTICE OF INTENTION TO PULL OR ALTER CASING	SUPPLEMENTARY WELL HISTORY	
NOTICE OF INTENTION TO ABANDON WELL	Report of Setting casing	x

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

August 30, 1957

, 19____

Navajo Tract 114
 Well No. 7 is located 2140 ft. from SW line and 660 ft. from W line of sec. 17
 NW SW Section 17 41S 25E SLM
(1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)
McElmo Creek San Juan Utah
(Field) (County or Subdivision) (State or Territory)

 The elevation of the derrick floor above sea level is _____ ft. 4459' Ungraded

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

Spudded 8-16-57

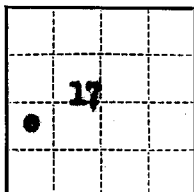
Ran 66' of 16" OD 65# H-40 smls conductor pipe, set at 81' and cemented with 300 sacks cement with 2% CaCl added, circulated OK, Job complete 9:30 PM 8-18-57.

Ran 1350' of 10-3/4" OD 32.75# 8rd H-40 smls csg set at 1365'. Cemented with 875 sx regular cement with 1# tuff plug, 1/4# flowseal and 2% gel per sack, and 100 sacks cement with 2% CaCl added, cement circulated OK, water flow not killed, pumped in 75 sacks regular cement from top, held for 15 minutes and then water flow started again, recemented with 200 sx cement with 2% CaCl added through 16" conductor waited 11 hours water flow shut off. Pressure tested blank rams, pipe rams and pipe 30 minutes each at 1000# held OK. Drilled out cement tested 15 minutes at 300# OK.

I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

Company The Carter Oil Company
 Address Box 444
Durango, Colorado

 By COPY: O/S H.L.Farris
H L Farris
 Title District Foreman



(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Indian Agency Navajo

Allottee _____

Lease No. 14-20-603-263

SUNDRY NOTICES AND REPORTS ON WELLS

Noted
11-6 #

NOTICE OF INTENTION TO DRILL	SUBSEQUENT REPORT OF WATER SHUT-OFF	
NOTICE OF INTENTION TO CHANGE PLANS	SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING	
NOTICE OF INTENTION TO TEST WATER SHUT-OFF	SUBSEQUENT REPORT OF ALTERING CASING	
NOTICE OF INTENTION TO REDRILL OR REPAIR WELL	SUBSEQUENT REPORT OF REDRILLING OR REPAIR	
NOTICE OF INTENTION TO SHOOT OR ACIDIZE	SUBSEQUENT REPORT OF ABANDONMENT	
NOTICE OF INTENTION TO PULL OR ALTER CASING	SUPPLEMENTARY WELL HISTORY	
NOTICE OF INTENTION TO ABANDON WELL	Report of Drill Stem Tests	X

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

November 2, 19 57

Navajo Tract 114

Well No. 7 is located 2140 ft. from XXX line and 660 ft. from XXX line of sec. 17

NW SW Sec. 17
(1/4 Sec. and Sec. No.)

41S
(Twp.)

25E
(Range)

SLM
(Meridian)

McElmo Creek
(Field)

San Juan
(County or Subdivision)

Utah
(State or Territory)

The elevation of the derrick floor above sea level is 4471 ft.

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

DST #1: 5251 to 5340'. Tool open 4 hrs. Good initial blow, steady throughout test. Gas to surface in 13 minutes, 44,000 CF/D. Recovered 690' of oil and gas cut drilling fluid, 360' of oil. IHP 3120#; FHP 3120#; IFP 245#; FFP 445#; 30 min. ISIP 2140#; 38 min. FSIP 1695#.

DST #2: 5361 to 5413'. Tool opened at 3:52 PM, very weak initial blow, died. Bypassed tool at 4:12 PM, Tool not plugged. Recovered 30' drilling fluid. 20 min. ISIP 0#; 30 min. FSIP 0#; IHP 3100#; FHP 3040#; IFP 0#; FFP 0#. Test tool was open 2 hours.

I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

Company The Carter Oil Company

Address Box 4444

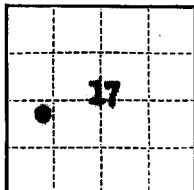
Durango, Colorado

COPY (ORIGINAL SIGNED) CHAS. C. JOHNSON
Chas. C. Johnson
Title Dist. Chief Clerk

W

(SUBMIT IN TRIPLICATE)

Indian Agency Navajo



UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Allottee _____
Lease No. 14-20-603-263

SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL	SUBSEQUENT REPORT OF WATER SHUT-OFF	
NOTICE OF INTENTION TO CHANGE PLANS	SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING	
NOTICE OF INTENTION TO TEST WATER SHUT-OFF	SUBSEQUENT REPORT OF ALTERING CASING	
NOTICE OF INTENTION TO REDRILL OR REPAIR WELL	SUBSEQUENT REPORT OF REDRILLING OR REPAIR	
NOTICE OF INTENTION TO SHOOT OR ACIDIZE	SUBSEQUENT REPORT OF ABANDONMENT	
NOTICE OF INTENTION TO PULL OR ALTER CASING	SUPPLEMENTARY WELL HISTORY	
NOTICE OF INTENTION TO ABANDON WELL	<u>Report of Running 7" Casing</u>	<u>X</u>

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

Navajo Tract 114

November 2, 19 57

Well No. 7 is located 2140 ft. from Box line and 660 ft. from Box line of sec. 17

NW SW Sec. 17

(1/4 Sec. and Sec. No.)

41S

(Twp.)

25E

(Range)

SLM

(Meridian)

McElmo Creek

(Field)

San Juan

(County or Subdivision)

Utah

(State or Territory)

The elevation of the derrick floor above sea level is 4471 ft.

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

Ran 170 jts. 7" OD casing set @ 5451' RM, as follows: 1 jt. 23# from 5451' to 5417'; Float collar; 5417 to 5415'; 43 jts. 23# from 5415' to 4021'; 126 jts. 20# from 4021' to 20' and 1 jt. 23# from 20' to surface. Cemented with 300 sacks regular cement plus 2% Gel. Pumped top plug to 5413'. Max. pressure on plug 1200#. Job completed 9:00 AM 10-5-57.

I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

Company The Carter Oil Company

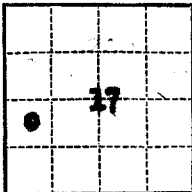
Address Box 1144

Durango, Colorado

COPY (ORIGINAL SIGNED) CHAS. C. JOHNSON

By Chas. C. Johnson

Title Dist. Chief Clerk



(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Indian Agency

Navajo

Allottee

Lease No. 14-20-603-263

SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL	SUBSEQUENT REPORT OF WATER SHUT-OFF	
NOTICE OF INTENTION TO CHANGE PLANS	SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING	
NOTICE OF INTENTION TO TEST WATER SHUT-OFF	SUBSEQUENT REPORT OF ALTERING CASING	
NOTICE OF INTENTION TO REDRILL OR REPAIR WELL	SUBSEQUENT REPORT OF REDRILLING OR REPAIR	
NOTICE OF INTENTION TO SHOOT OR ACIDIZE	SUBSEQUENT REPORT OF ABANDONMENT	
NOTICE OF INTENTION TO PULL OR ALTER CASING	SUPPLEMENTARY WELL HISTORY	
NOTICE OF INTENTION TO ABANDON WELL	Completion Report	X

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

December 19, 1957, 19.....

Navajo Tract 114

Well No. 7 is located 2140 ft. from N line and 660 ft. from E line of sec. 17

NW SW Section 17

(1/4 Sec. and Sec. No.)

McElmo Creek

(Field)

41S

(Twp.)

25E

(Range)

81M

(Meridian)

San Juan

(County or Subdivision)

Utah

(State or Territory)

The elevation of the derrick floor above sea level is 4471 ft.

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

TD 5453', PBD 5437' RM. - Perforated 5260-5310-5326-5336-5342-5357-5368-5376-5381-5396' RM. After acidizing perforations 5260-5381' with 750 gallons MDA recovered 30 bbls flush oil and 18 bbls acid water, no fluid recovery entry after recovering flush oil and acid water. Acidized perforations 5260-5396 with 12,000 gallons 15% regular acid and 300 nylon rubber coated balls, used 30 bbls flush oil. Average treating rate 5.5 bbls/min, average flush rate 4.5 bbls/min, Max treating pressure 4000#, minimum 4000#, 15 minute shut in pressure 2700#. On 6 hr test flowed at the rate of 212 bbls oil and no water through 3/8" choke, GOR 600 cuft/bbl, gravity 43 at 60°, tubing pressure 200 psi, complete in B Zone of Paradox formation.

I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

Company The Garter Oil CompanyAddress Box 444
Durango, Colorado

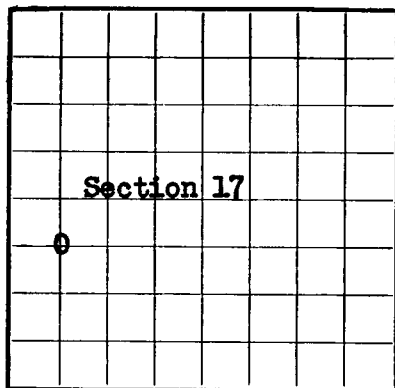
COPY (ORIGINAL SIGNED) B. M. BRADLEY

By B M BradleyTitle District Superintendent

123

STATE OF UTAH
OIL & GAS CONSERVATION COMMISSION

State Capitol Building
Salt Lake City 14, Utah



LOCATE WELL CORRECTLY

To be kept Confidential until _____
(Not to exceed 4 months after filing date)

LOG OF OIL OR GAS WELL

Operating Company THE CARTER OIL COMPANY Address P.O. BOX 3082, DURANGO, COLORADO
Lease or Tract NAVAJO TRACT 114 Field MC ELMO CREEK State UTAH
Well No. 7 Sec. 17 T. 41S R. 25E Meridian SLM County SAN JUAN
Location 2140 ft. N of S Line and 660 ft. E of W Line of SECTION 17 Elevation 4471
(Derrick floor relative to sea level)

The information given herewith is a complete and correct record of the well and all work done thereon so far as can be determined from all available records.

Signed B. M. BRADLEY

Date MARCH 20, 1958

Title DIST. SUPT.

The summary on this page is for the condition of the well at above date.

Commenced drilling AUGUST 16, 1957 Finished drilling NOVEMBER 1, 1957

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 5260 to 5396 No. 4, from _____ to _____
No. 2, from _____ to _____ No. 5, from _____ to _____
No. 3, from _____ to _____ No. 6, from _____ to _____

IMPORTANT WATER SANDS

No. 1, from 443 to 600 No. 3, from _____ to _____
No. 2, from _____ to _____ No. 4, from _____ to _____

CASING RECORD

Size casing	Weight per foot	Threads per inch	Make	Amount	Kind of shoe	Cut and pulled from	Perforated		Purpose
							From—	To—	
16"	65#	8	H-40	62	None	None	-	-	-
10-3/4"	32.75	8	H-40	1360	Baker	None	-	-	-
7"	20 & 23	8	J-55	5474	Halliburton	None	5396-81,	5376-68, 5357-42,	Production.
							5336-26,	5310-5260.	

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
16"	81'	300	Halliburton	-	-
10-3/4"	1365	1250	Halliburton	-	-
7"	5451	300	Halliburton	-	-

PLUGS AND ADAPTERS

PLUGS AND ADAPTERS

Heaving plug—Material Length Depth set

Adapters—Material Size

SHOOTING RECORD

Size	Shell used	Explosive used	Quantity	Date	Depth shot	Depth cleaned out

TOOLS USED

Rotary tools were used from Surface feet to 5453 feet, and from - feet to - feetCable tools were used from None feet to - feet, and from - feet to - feet

DATES

MARCH 20, 1958 Put to producing on Test 11-1-57, 19-The production for the first 24 hours was 212 barrels of fluid of which 100 % was oil; - % emulsion; - % water; and - % sediment. Gravity, °Bé. 13° API

If gas well, cu. ft. per 24 hours Gallons gasoline per 1,000 cu. ft. of gas

Rock pressure, lbs. per sq. in. Est. GOR 600:1

EMPLOYEES

....., Driller , Driller

....., Driller , Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	443	443	MORRISON: Soft clay & sandstone.
443	1109	666	NAVAJO: Sandstone.
1109	2258	1149	CHINLE: Siltstone & Shale.
2258	2305	47	CUTLER: Shale with traces of limestone.
2305	2500	195	DE CHELLY: Soft sandstone.
2500	4000	1500	ORGAN ROCK: Siltstone & sand.
4000	4246	246	RICO: Siltstone & shale.
4246	5235	989	HERMOSA: Limestone & shale.
5235	5453	218	PARADOX: Limestone underlain by black shale & anhydrite.
(OVER)			

[OVER]

HISTORY OF OIL OR GAS WELL

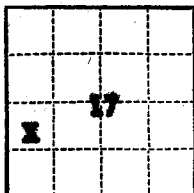
It is of the greatest importance to have a complete history of the well. Please state in detail the dates of redrilling, together with the reasons for the work and its results. If there were any changes made in the casing, state fully, and if any casing was "sidetracked" or left in the well, give its size and location. If the well has been dynamited, give date, size, position, and number of shots. If plugs or bridges were put in to test for water, state kind of material used, position, and results of pumping or hailing.

Spudded 8-17-57. Drilled 19-1/4" hole to 81' and set 2 jts., 62' of 16", 65#, H-40, smls casing at 81' with 300 sacks cement. Drilled 15" hole to 1374' and ran 44 jts., 1360' of 10-3/4", 32.75#, H-40, smls casing set at 1368' with 1250 sacks cement. Drilled 9" hole to TD of 5453'. Ran 171 jts., 5474' of 7", 20# & 23#, J-55 smls. casing set at 5451' with 300 sacks cement.

Perforated 7" casing with four holes per foot as follows: 5396-81; 5376-68; 5357-42; 5336-26; & 5310 to 5260'. Treated perforations with 750 gallons MCA Acid & then with 12,000 gallons 15% regular acid with 300 Nylon covered rubber balls staged with acid. Initial test at completion well flowed at rate of 212 BO & No water per day on 3 hr test through 3/8" choke. Shut in, no market.

~~CORPS. Six cut. See attached descriptions.~~

~~Drill Stem Tester. Two taken. See attached summary of each.~~



Copy H.L.C.

(SUBMIT IN TRIPPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Indian Agency _____
Window Rock
Allottee Navajo
Lease No. 14-20-603-263

SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL		SUBSEQUENT REPORT OF WATER SHUT-OFF	
NOTICE OF INTENTION TO CHANGE PLANS		SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING	
NOTICE OF INTENTION TO TEST WATER SHUT-OFF		SUBSEQUENT REPORT OF ALTERING CASING	
NOTICE OF INTENTION TO REDRILL OR REPAIR WELL		SUBSEQUENT REPORT OF REDRILLING OR REPAIR	
NOTICE OF INTENTION TO SHOOT OR ACIDIZE		SUBSEQUENT REPORT OF ABANDONMENT	
NOTICE OF INTENTION TO PULL OR ALTER CASING		SUPPLEMENTARY WELL HISTORY	X
NOTICE OF INTENTION TO ABANDON WELL		<u>Supplemental Report of Conversion to Injection Well</u>	X

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

Humble Nav. tr 114-7

July 23, 1962

McElmo Creek Unit

Well No. N-23 is located 2140 ft. from [N] line and 660 ft. from [W] line of sec. 17

NW SW Section 17
(34 Sec. and Sec. No.)

41S
(Twp.)

25E
(Range)

SL&M
(Meridian)

Greater Aneth
(Field)

San Juan
(County or Subdivision)

Utah
(State or Territory)

The elevation ~~surface elevation~~ above sea level is 4472 ft. K.B.

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

Set Baker Packer @ 5211' on 2-1/2" cement lined tubing.
Filled annulus with crude and pressured casing to 625#.

I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

Company THE SUPERIOR OIL COMPANY

Address P. O. DRAWER 'G'

CORTEZ, COLORADO

Original Signed By

By D. D. KINGMAN

D. D. Kingman

Title Production Engineer

DDK/njh

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN TR. CATE*
(Other instructions on re-
verse side)

Form approved.
Budget Bureau No. 42-R1424.

5. LEASE DESIGNATION AND SERIAL NO.

14-20-603-263

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

Navajo

7. UNIT AGREEMENT NAME

McElmo Creek

8. FARM OR LEASE NAME

9. WELL NO.

N-23

10. FIELD AND POOL, OR WILDCAT

McElmo Creek Unit

11. SEC., T., R., M., OR BLK. AND
SURVEY OR AREA

Sec. 17, T41S, R25E

12. COUNTY OR PARISH

San Juan

13. STATE

Utah

1.

OIL WELL ☐ GAS WELL ☐ OTHER ☐

WATER INJECTION

2. NAME OF OPERATOR

THE SUPERIOR OIL COMPANY

3. ADDRESS OF OPERATOR

P. O. DRAWER 'G', CORTEZ, COLORADO

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*
See also space 17 below.)
At surface

2140' FSL and 660' FWL
NW NW Sec. 17, T41S, R25E
San Juan County, Utah

14. PERMIT NO.

15. ELEVATIONS (Show whether DF, RT, GR, etc.)

4472' KB

16.

Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF ☐

FRACTURE TREAT ☐

SHOOT OR ACIDIZE ☐

REPAIR WELL ☐

(Other) ☐

PULL OR ALTER CASING ☐

MULTIPLE COMPLETE ☐

ABANDON* ☐

CHANGE PLANS ☐

SUBSEQUENT REPORT OF:

WATER SHUT-OFF ☐

FRACTURE TREATMENT ☐

~~ACIDIZING~~ ACIDIZING ☒

(Other) ☐

REPAIRING WELL ☐

ALTERING CASING ☐

ABANDONMENT* ☐

(NOTE: Report results of multiple completion on Well
Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Treated well with 15,000 gallons 28% iron acid in 3 equal stages using

500 gallon salt plugs between stages.

Returned well to injection.

18. I hereby certify that the foregoing is true and correct

SIGNED

D. D. Kingman
D. D. Kingman

TITLE

Production Engineer

DATE 3/15/66

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

MJE/njh

*See Instructions on Reverse Side

CHECKLIST FOR INJECTION WELL APPLICATION AND FILE REVIEW

Operator: Superior Well No. McElm Creek N 23
 County: San Juan T 41S R 25E Sec. 17 API# 43-037-16364
 New Well ☐ Conversion ☐ Disposal Well ☐ Enhanced Recovery Well ☒

	YES	NO
UIC Forms Completed	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Plat including Surface Owners, Leaseholders, and wells of available record	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Schematic Diagram	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Fracture Information	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Pressure and Rate Control	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Adequate Geologic Information	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Fluid Source	<u>Desert Creek Spring</u>	

Analysis of Injection Fluid	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	TDS <u>60,000</u>
Analysis of Water in Formation to be injected into	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	TDS <u>70,000</u>

Known USDW in area Mingo-Chinle Depth 1300
 Number of wells in area of review 10 Prod. 6 P&A 1
 Water Inj. 3

Aquifer Exemption Yes ☐ NA ☒

Mechanical Integrity Test Yes ☐ No ☒

Date 9-21-83 Type Water Facer Survey

Comments: _____

Reviewed by: CBJ

THE SUPERIOR OIL COMPANY 36.55075%
Injection Well - Area #4

McELMO CREEK UNIT #N-23
2140' FSL, 660' FWL
NWSW Sec. 17, T41S, R25E
San Juan County, Utah

FIELD: GREATER ANETH

KB: 4471' DF: 4470' GL: 4462' TD: 5453' PBTD: 5437' TLD: 13.00'
SPUDDED: 8-17-57 COMPLETED: 11-1-57 TOC: 4170' (temp)

INJECTION ZONES: Desert Creek Zone I, II, III

PERFS: Zone I - 5260-5310'
Zone II - 5326-36', 5342-57'
Zone III- 5368-76', 5381-96' (4 jets/ft)

CASING:	16" 65#, H-40 Smls w/ 300 sx	2 jts	81'
	10-3/4" 32.75# H-40 w/ 1250 sx	44 jts	1368'
	7" 20# & 23# J-55 w/ 300 sx	171 jts	5451'

TUBING: 2-7/8" 6.5# J-55 cmt lined hydril 5216'

PACKERS: A Baker Model N Permanent is at 5211'.

PUMP'G EQUIP: Injection equipment.

REMARKS:

WELL HEAD: 6" Ser 600 Cameron Type F.

10-57	Treated perfs 5260-5310', 5326-36', 5368-76', 5381-96' w/ 12,000 gal 15% acid & nylon balls. Perfs 5342-57' not trt'd.
7-17-62	Converted to water injection.
12-11-62	Treated perfs w/ 10,000 gal acid. Max press 4400#. ISIP 3200#
2-14-66	Treated w/ 15,000 gal 28% iron acid. Final press 5800#. ISIP 3200#.
6/6-8/83	Leak in 174th jt. Replaced 67 jts total due to external corrosion.

6-14-83

INITIAL WELL TEST

McELMO CREEK UNIT # N-23

DATE November 1, 1957

OIL BBL/DAY 212

OIL GRAVITY 43

GAS CU.FT/DAY 127,000/CF

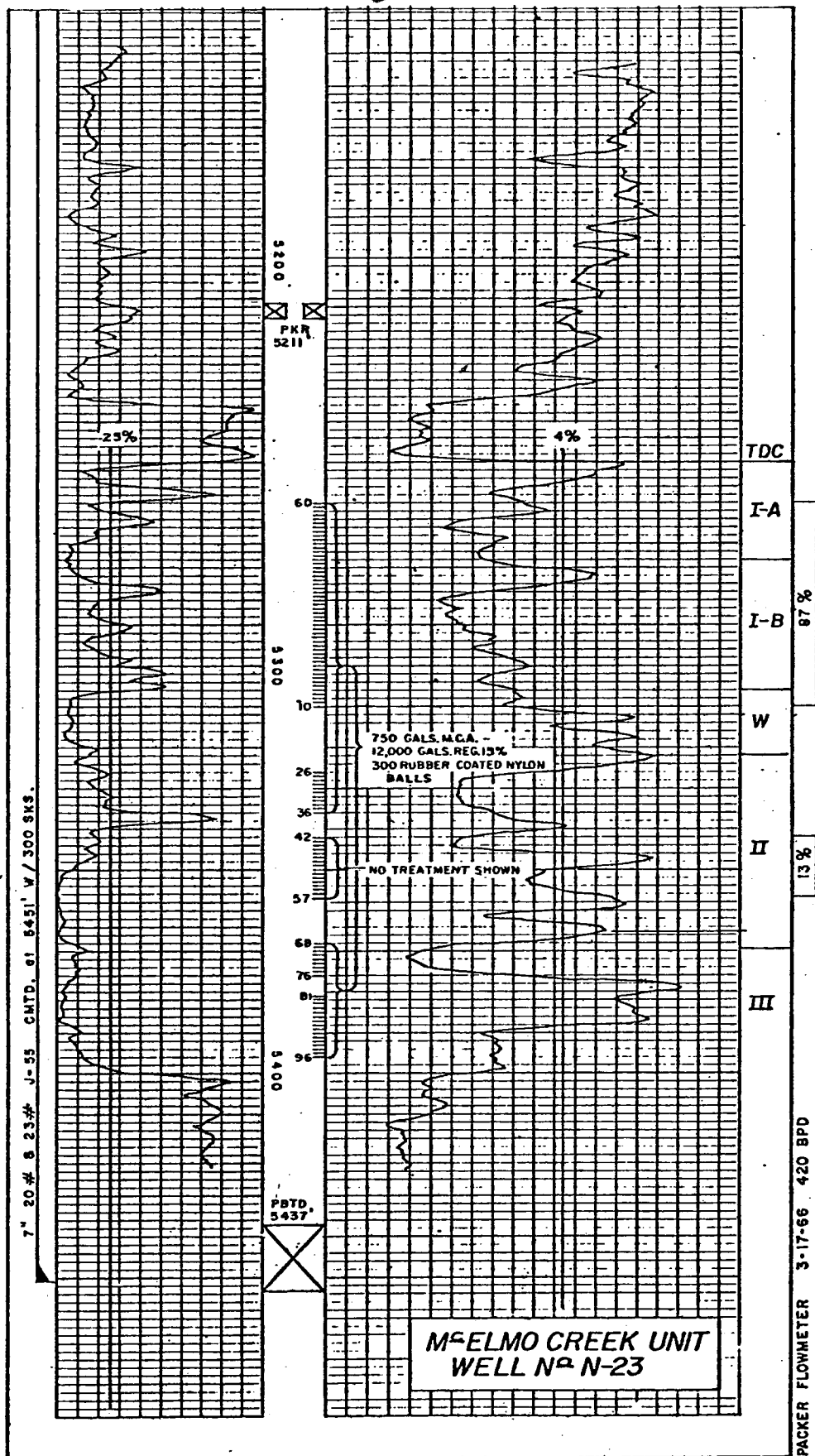
GAS-OIL RATIO CU/FT/BBL 600est

WATER BBL/DAY 0

PUMPING/FLOWING F

CHOKE SIZE 3/8

FLOW TUBING PRESSURE 200



12-11-62: Treated all perms with
10,000 Gals. 15% Acid with 14
Tons of CO₂

3-15-66: Treated with 15,000
gal 28% iron acid in 3 equal stages
using 500 gal salt plugs between
stages.

McELMO CREEK UNIT
THE SUPERIOR OIL CO. OPERATOR
NW SW. SEC.17, T41S, R25E.
SAN JUAN COUNTY, UTAH.
ELEV. 4472' K.B. T.D. 5453'

Well No. N-23

McElmo Creek Unit

ATTACHMENT I

RULE I-5: Application for Approval of Class II Injection Wells

(a) Well Data Sheets.

- (b) (1) Plat #1.
- (2) Well Data Sheets.
- (3) Well Data Sheets & Logs.
- (4)

i. The average intervening thickness is 4000' between the existing injection interval and the deepest fresh water sand.

ii. Maximum Surface Pressure: 2800 psig.
Maximum Rate: 4000 BWPd.

<u>FORMATION</u>	<u>DEPTH</u>	<u>LITHOLOGY</u>
Chinle	1300' avg.	Shale
DeChelly	2350' avg.	Sandstone
Organ Rock	2600' avg.	Shale
Hermosa	4400' avg.	Limestone
Upper Ismay	5300' avg.	Limestone
Lower Ismay	5370' avg.	Limestone
Gothic	5450' avg.	Shale
Desert Creek	5460' avg.	Limestone
Chimney Rock	5550' avg.	Shale

(5)

(i) A throttling valve is installed on the wellhead to control injection rates and pressures.

(ii) The source of injection water is Superior's production wells within the McElmo Creek Unit. The wells produce from the Ismay and Desert Creek formations with approximate depths of 5300' and 5460' respectively.

(iii) The analysis of injection water is as follows: (as parts per million).

PH: 6.5	Ca: 13770 ppm	SO4: 25 ppm
CL: 16700 ppm	Mg: 11421 ppm	H2S: 30 ppm
Fe: 3 ppm	HCO3: 109.8 ppm	Na: -
CaCO3: 18470 ppm	CO3: -	Specific Gravity: 1.0553

McElmo Creek Unit

(5) Cont.

(iv) The injection zones are the Ismay and Desert Creek formations. Both zones are carbonate formations consisting of limestone, anhydrite and dolomite. The formations extend throughout the Paradox Basin and are underlain by the Chimney Rock Shale and are overlain by the Hermosa Limestone.

(v) Fresh water zones (Morrison, Bluff, Entrada) range from 0 to 1300' with Entrada being the deepest and somewhat saline.

(vi) The analysis of formation water (Desert Creek) is as follows: (as parts per million).

PH: 6.6	Ca: 17410 ppm	SO4: 33 ppm
CL: 34800 ppm	Mg: 11518 ppm	H2S: 10 ppm
Fe: 1.5 ppm	HCO3: 48.8 ppm	Ba: -
CaCO3: 22150 ppm	CO3: -	Specific Gravity: 1.0902

(6) To assure that injection is confined to intervals intended to receive the disposed water, wireline diagnostic surveys are run periodically to determine whether any escapement is taking place. If such information is discovered, the disposal well will be shut-in until proper measure can be taken. Casing pressure readings are made regularly to verify that no tubing or packer leaks have developed. If such leaks develop, the well will be shut-in until proper repairs can be made.

(7) N/A.

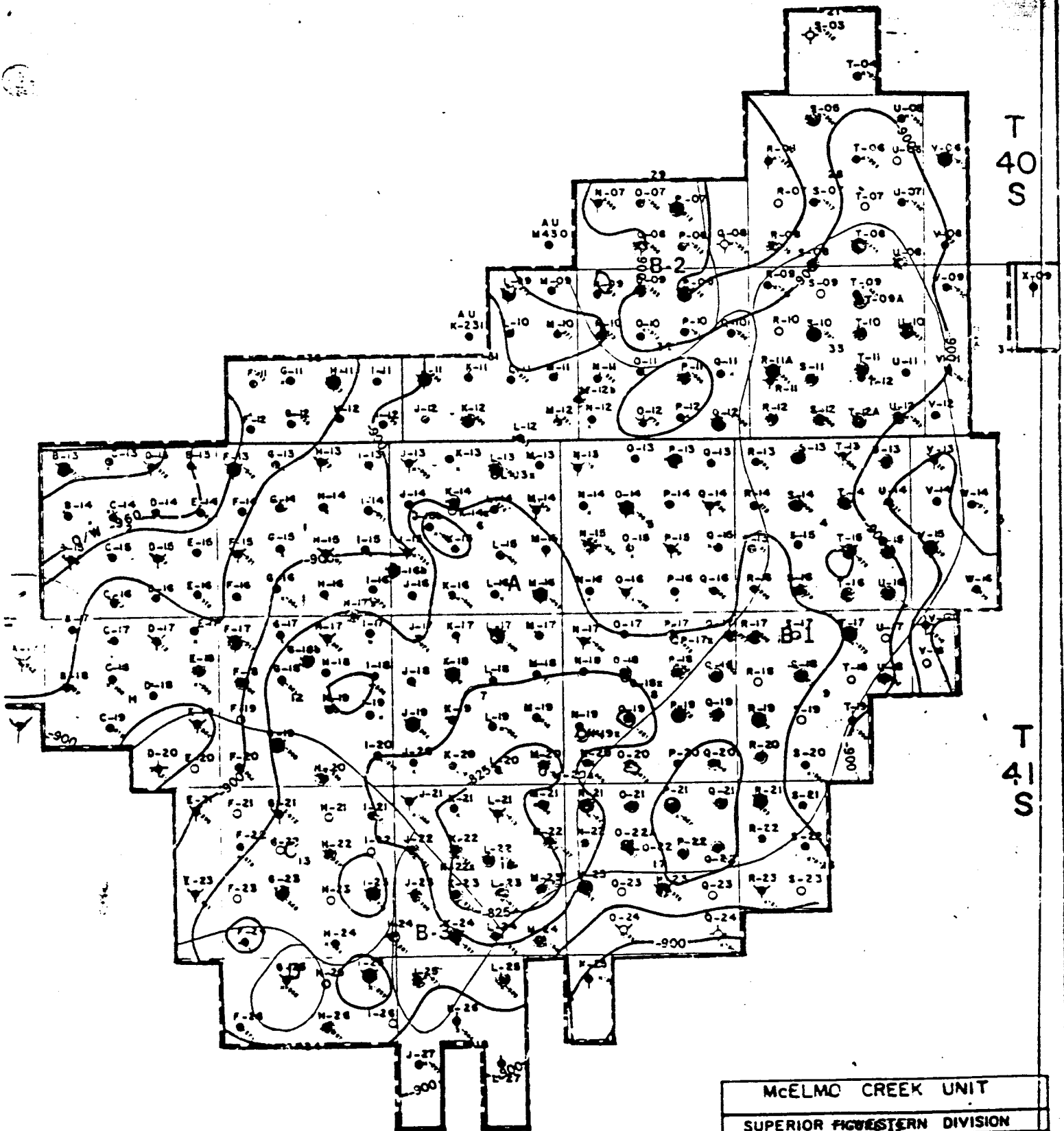
(8) The Division will be notified of the date and time to monitor the mechanical integrity test.

(9) N/A.

(10) N/A.

R24E

R25E



LEGEND

- FUTURE LOCATION
- DRILLING WELL (STATUS)
- OIL WELL
- ▼ WATER INJECTION WELL
- ⊕ DUAL SERVICE, INJ/PROD

O/W CONTACT -960

0 2000' 4000'

McELMO CREEK UNIT

SUPERIOR WESTERN DIVISION

McELMO CREEK UNIT
SAN JUAN COUNTY, UTAH

SUPERIOR OIL - WESTERN DIVISION

STRUCTURE - II

BY: TOP OF OIL

DESERT CREEK LIMESTONE, DEK

DATE: 4-14-70

TUNE 2

DRAWING NO.

BY:

DATE

CHECKED

SCALE:

C.I.: 25ft.

DRAWN BY

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING

SUBMIT IN TRIPLICATE
(0. instructions on reverse side)

SUNDRY NOTICES AND REPORTS ON WELLS RECEIVED

(Do not use this form for proposals to drill or to deepen or plug back to a different location.
Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/> INJECTION WELL		JAN 14 1986	
2. NAME OF OPERATOR MOBIL OIL CORP AS AGENT OF SUPERIOR OIL		7. UNIT AGREEMENT NAME MICELMO CREEK	
3. ADDRESS OF OPERATOR P. O. DRAWER 'G', CORTEZ, CO 81321		8. FARM OR LEASE NAME DIVISION OF OIL GAS & MINING	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface 2140' FSL, 660' FWL		9. WELL NO. N-23	
10. FIELD AND POOL OR WILDCAT GREATER ANETH		11. SEC., T., R., M., OR BLM. AND SUBVY OR ABBA Sec 17, T41S, R25E	
14. PERMIT NO. 43-037-16364	15. ELEVATIONS (Show whether SP, ST, GR, etc.) DF: 4470'	12. COUNTY OR PARISH SAN JUAN	13. STATE UTAH

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>	FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>	SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	(Other) <u>CO2 INJECTION</u> <input checked="" type="checkbox"/>	

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Carbon Dioxide injection was initiated in this well on Feb 28, '85

18. I hereby certify that the foregoing is true and correct

SIGNED

TITLE Sr Staff Op Engr

DATE 1.9.86

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPlicate
(Other instructions on re-
verse side)

Form approved
Budget Bureau No. 1004-0135
Expires August 31, 1985

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input checked="" type="checkbox"/> WID		6. LEASE DESIGNATION AND SERIAL NO. 14-20-603-263
2. NAME OF OPERATOR SUPERIOR OIL COMPANY, through its Agent, MOBIL OIL CORP.		7. IF INDIAN, ALLOTTEE OR TRIBE NAME NAVAJO
3. ADDRESS OF OPERATOR P. O. DRAWER 'G', CORTEZ, COLORADO 81321		7. UNIT AGREEMENT NAME MCCELMO CREEK
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 17 below.) At surface 2140' FSL, 660' FWL		8. FARM OR LEASE NAME MCCELMO CREEK UNIT
14. PERMIT NO. 43-037-16364		9. WELL NO. N-23
15. ELEVATIONS (Show whether DF, BT, GR, etc.) GL: 4462'		10. FIELD AND POOL, OR WILDCAT GREATER ANETH
		11. SEC., T., R., N., OR S.W. 1/4, AND SURVEY OR AREA Sec. 17 T41S R25E
		12. COUNTY OR PARISH SAN JUAN
		13. STATE UTAH

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>	FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>	SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANE <input type="checkbox"/>	(Other) <input type="checkbox"/>	(Other) <input type="checkbox"/>
Build Cathodic Protection System		(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)	

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

The Superior Oil Company

Began Drilling: 8/17/57
Finished Drilling: 10/3/57

RECEIVED
FEB 10 1986

DIVISION OF
OIL, GAS & MINING

To maximize effective corrosion control of metallic piping and structures down hole and above ground, Mobil Oil Corporation, Agent for Superior Oil Company, proposes to construct an electrified cathodic protection system consisting of a subsurface graphite anode bed connected to an above ground rectifier which has a lead connected to the well casing.

The construction will consist of a trench, 140' long, 6' deep and 2' wide in the old reserve pit area of the well location. All construction will be confined to existing disturbed area of well location. Existing electrical power to the well will be used for this cathodic protection system.

18. I hereby certify that the foregoing is true and correct
SIGNED C. J. Benally TITLE Sr. Regulatory Engineer DATE 2/4/86
(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____
CONDITIONS OF APPROVAL, IF ANY:

Mobil Oil Corporation

P.O. BOX 5444
DENVER, COLORADO 80217-5444

May 14, 1986

Utah Board of Oil, Gas and Mining
355 West North Temple
3 Triad Center, Suite 350
Salt Lake City, Utah 84180-1203

Attn: R. J. Firth
Associate Director

RECEIVED
MAY 16 1986

DIVISION OF
OIL, GAS & MINING

SUPERIOR OIL COMPANY MERGER

Dear Mr. Firth:

On September 20, 1984, The Superior Oil Company (Superior) became a wholly owned subsidiary of Mobil Corporation. Since January 1, 1985, Mobil Oil Corporation (MOC), another wholly owned subsidiary of Mobil Corporation, has acted as agent for Superior and has operated the Superior-owned properties.

On April 24, 1986, Superior was merged with Mobil Exploration and Producing North America Inc. (MEPNA), which is also a wholly owned subsidiary of Mobil Corporation. MEPNA is the surviving company of the merger.

This letter is to advise you that all properties held in the name of Superior will now be held in the name of MEPNA; and that these properties will continue to be operated by MOC as agent for MEPNA.

Attached is a listing of all wells and a separate listing of injection-disposal wells, Designation of Agent and an organization chart illustrating the relationships of the various companies. If you have any questions or require additional documentation of this merger, please feel free to contact me at the above address or (303) 298-2577.

Very truly yours,



R. D. Baker
Environmental Regulatory Manager

CNE/rd
CNE8661

WESTERN REGULATORY WELL COMPLIANCE DATA FILE (PAGE 1 OF 2)
FOR THE CORTEZ SUPERVISOR AREA
FOR THE GREATER ANETH FIELD 05/13/86

PROPERTY NAME	WELL NAME	COUNTY	STATE	SEC	TOWNSHIP	RNG	WELL TYPE	A T	API NUMBER	FEDERAL LEASE NUMBER	STATE NUMBER	UNIT NUMBER
MC ELMO CREEK	N-11 ✓	SAN JUAN	UT	NW	SE	32-40S-25E	INJ	OP	43-037-15965	14-20-603-372		96-004190
	N-13 ✓	SAN JUAN	UT	NW	NW	05-41S-25E	INJ	OP	43-037-15966	14-20-603-372		96-004190
	N-15 ✓	SAN JUAN	UT	SW	NW	05-41S-25E	INJ	OP	43-037-05671	14-20-603-372		96-004190
	N-17 ✓	SAN JUAN	UT	NW	NW	08-41S-25E	INJ	OP	43-037-05597	14-20-603-263		96-004190
	N-19 ✓	SAN JUAN	UT	NW	SW	08-41S-25E	INJ	OP	43-037-05540	14-20-603-263		96-004190
	N-21 ✓	SAN JUAN	UT	NW	NW	17-41S-25E	INJ	OP	43-037-05492	14-20-603-263		96-004190
	N-23 ✓	SAN JUAN	UT	NW	SW	17-41S-25E	INJ	OP	43-037-16364	14-20-603-263		96-004190
	O-12 ✓	SAN JUAN	UT	SE	SW	32-40S-25E	INJ	OP	43-037-16371	14-20-603-372		96-004190
	O-14 ✓	SAN JUAN	UT	SE	NW	05-41S-25E	INJ	OP	43-037-16365	14-20-603-372		96-004190
	O-16 ✓	SAN JUAN	UT	SE	SW	05-41S-25E	INJ	OP	43-037-15969	14-20-603-372		96-004190
	O-18 ✓	SAN JUAN	UT	SE	NW	08-41S-25E	INJ	OP	43-037-05585	14-20-603-263		96-004190
	P-07 ✓	SAN JUAN	UT	NW	SE	29-40S-25E	INJ	OP	43-037-05828	I-149-IND-8839-A		96-004190
	P-09 ✓	SAN JUAN	UT	NW	NE	32-40S-25E	INJ	OP	43-037-16367	14-20-603-372		96-004190
	P-11 ✓	SAN JUAN	UT	NW	SE	32-40S-25E	INJ	OP	43-037-15971	14-20-603-372		96-004190
	P-13 ✓	SAN JUAN	UT	NW	NE	05-41S-25E	INJ	OP	43-037-16368	14-20-603-372		96-004190
	P-15 ✓	SAN JUAN	UT	NW	SE	05-41S-25E	INJ	OP	43-037-16340	14-20-603-372		96-004190
	P-17 ✓	SAN JUAN	UT	NW	NE	08-41S-25E	INJ	OP	43-037-15976	14-20-603-263		96-004190
	P-19 ✓	SAN JUAN	UT	NW	SE	08-41S-25E	INJ	OP	43-037-05555	14-20-603-263		96-004190
	P-21 ✓	SAN JUAN	UT	NW	NE	17-41S-25E	INJ	OP	43-037-05487	14-20-603-263		96-004190
	P-23 ✓	SAN JUAN	UT	NW	SE	17-41S-25E	INJ	OP	43-037-16370	14-20-603-263		96-004190
	Q-12 ✓	SAN JUAN	UT	SE	SE	32-40S-25E	INJ	OP	43-037-05720	14-20-603-372		96-004190
	Q-14 ✓	SAN JUAN	UT	SE	NE	05-41S-25E	INJ	OP	43-037-15974	14-20-603-372		96-004190
	Q-16 ✓	SAN JUAN	UT	SE	SE	05-41S-25E	INJ	OP	43-037-15975	14-20-603-372		96-004190
	R-11 ✓	SAN JUAN	UT	NW	SW	33-40S-25E	INJ	SI	43-037-05741	14-20-603-2057		96-004190
	R-11A ✓	SAN JUAN	UT	NW	SW	33-40S-25E	INJ	OP	43-037-30179	14-20-603-2057		96-004190
	R-13 ✓	SAN JUAN	UT	NW	NW	04-41S-25E	INJ	OP	43-037-05709	14-20-603-2057		96-004190
	R-17 ✓	SAN JUAN	UT	NW	NW	09-41S-25E	INJ	OP	43-037-05602	14-20-603-359		96-004190
	R-19 ✓	SAN JUAN	UT	NW	SW	09-41S-25E	INJ	OP	43-037-05554	14-20-603-359		96-004190
	R-21 ✓	SAN JUAN	UT	NW	NW	16-41S-25E	INJ	OP	43-037-16374	14-20-603-359		96-004190
	R-23 ✓	SAN JUAN	UT	NW	SW	16-41S-25E	INJ	OP	43-037-15977	14-20-603-359		96-004190

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIP (Other instruction verse side)

Form approved.
Budget Bureau No. 1004-0135
Expires August 31, 1985

5. LEASE DESIGNATION AND SERIAL NO.

14-20-603-263

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

NAVAJO

7. UNIT AGREEMENT NAME

MCCLMO CREEK

8. FARM OR LEASE NAME

9. WELL NO.

N-23

10. FIELD AND POOL, OR WILDCAT

GREATER ANETH

11. SEC., T., R., M., OR BLM. AND SURVEY OR AREA

Sec 17, T41S, R25E

12. COUNTY OR PARISH 13. STATE

SAN JUAN

UTAH

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL ☐ GAS WELL ☐ OTHER CO2/WATER INJECTION WELL

2. NAME OF OPERATOR
MOBIL OIL CORPORATION

3. ADDRESS OF OPERATOR
P. O. DRAWER 'G', CORTEZ, CO 81321

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 17 below.)
At surface

2140' FSL, 660' FWL

JUL 31 1986

DIVISION OF OIL
GAS & MINING

14. PERMIT NO.

15. ELEVATIONS (Show whether DF, RT, or BL)

DF: 4470'

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF

FRACTURE TREAT

SHOOT OR ACIDIZE

REPAIR WELL

(Other)

PULL OR ALTER CASING

MULTIPLE COMPLETE

ABANDON*

CHANGE PLANS

SUBSEQUENT REPORT OF:

WATER SHUT-OFF

FRACTURE TREATMENT

SHOOTING OR ACIDIZING

(Other)

REPAIRING WELL

ALTERING CASING

ABANDONMENT*

REPAIR CASING LEAK

(NOTE: Report results of multiple completion or Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

06/30/86 MIRU. Bled down casing.
07/01/86 Bled well to tank. Closed downhole valve. Released on/off tool and circ well w/ heavy SW. NU BOP. POOH w/ 35 stds.
07/02/86 Bled well to tank. Circ brine. RIH and circ brine around. Well flowing to tank.
07/03/86 Circ brine and bled well to tank. Ran temp survey - no indication of fluid entry. Flowed to tank over night.
07/04/86 Flowed to tank 24 hrs.
07/05/86 Flowed to tank 24 hrs.
07/06/86 Flowed to tank 24 hrs.
07/07/86 Circ brine - well dead. POOH with tubing, on/off tool, downhole shut off valve and seal assembly. Downhole shut off valve plugged w/ scale and would not close. RIH w/ new tools. Tested tubing to 1600 psi. OK. Tested casing - took 1 BPM @ 900 psi. POOH w/ tubing. RIH w/ csg scraper and SD.
07/08/86 Circ off bottom. POOH. RIH w/ pkr. POOH checking for leak. Found hole in casing between 2323' and 2353'.
(Continued on attached page)

18. I hereby certify that the foregoing is true and correct

SIGNED D. C. Collins

TITLE Sr Staff Op Engr

DATE 7/25/86

(This space for Federal or State office use)

APPROVED BY
CONDITIONS OF APPROVAL, IF ANY:

TITLE

DATE

*See Instructions on Reverse Side

McElmo Creek Unit N-23

Rechecked bottom 180' of csg and FOOH.
07/09/86 RIH w/ open-ended thg. Laid down one jt. NU bOPs.
NU wellhead. Circ in inhibited FW. RDMO.

NOTE: Received verbal approval to SI well pending evaluation of economics to repair casing leak from John Keller.

CO₂ in Feb. 85

Casing leaks 7/86

Converted 1962

UTAH DIVISION OF OIL, GAS AND MINING
CASING-BRADENHEAD TESTOPERATOR: MEPNAFIELD: Greater Aneth LEASE: McElmo CreekWELL # N-23 (114-7) SEC. 17 TOWNSHIP 41S RANGE 25ESTATE FED. FEE DEPTH 5453 TYPE WELL INJW MAX. INJ. PRESS. 2800 psi
PBD 5437 water from log 9/21/83 4000 BWPD

TEST DATE _____

CASING STRING	SIZE	SET AT	CMT	PRESSURE READINGS	REMARKS	FUTURE
<u>SURFACE</u>	<u>16"</u>	<u>81'</u>	<u>300sx</u>		<u>Shut-In</u>	
<u>INTERMEDIATE</u>	<u>10 3/4"</u>	<u>1368'</u>	<u>6250sx</u>		<u>on 10/22/86</u>	
<u>PRODUCTION</u>	<u>7"</u>	<u>5451'</u>	<u>300sx</u>			
<u>TUBING</u>	<u>2 7/8"</u>	<u>5216</u>				

Baker Model "N" Permanent

CASING STRING	SIZE	SET AT	CMT	PRESSURE READINGS	REMARKS	FUTURE
<u>SURFACE</u>						
<u>INTERMEDIATE</u>						
<u>PRODUCTION</u>						
<u>TUBING</u>						

CASING STRING	SIZE	SET AT	CMT	PRESSURE READINGS	REMARKS	FUTURE
<u>SURFACE</u>						
<u>INTERMEDIATE</u>						
<u>PRODUCTION</u>						
<u>TUBING</u>						

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUNDRY NOTICES AND REPORTS ON WELLS

1. Oil Well ☐ Gas Well ☐ Other: Injection Well

2. Name of Operator
MOBIL OIL CORPORATION

3. Address of Operator
P. O. DRAWER G, CORTEZ, CO. 81321

4. Location of Well

2140' FSL 660' FWL

RECEIVED
NOV 14 1988

DIVISION OF
OIL, GAS & MINING

14. Permit No. 43-037-16364

15. Elevations (DF, RT, GR)
GL 4462'

5. Lease Designation &
Serial No.
14-20-603-263

6. If Indian, Allottee or Tribe Name
Navajo

7. Unit Agreement Name
McElmo Creek

Farm or Lease Name
McElmo Creek Unit

Well No.
N-23

10. Field and Pool, or Wildcat
Greater Aneth

11. Sec. T,R,M or BLK and
Survey or Area
Sec 17 T41S R25E

12. County, Parish 13. State
San Juan Utah

16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT OR OTHER DATA

Notice of Intention To:

Subsequent Report of:

Test Water Shut-off <input type="checkbox"/>	Pull or Alter Casing <input type="checkbox"/>	Water Shut-off <input type="checkbox"/>	Repairing Well <input type="checkbox"/>
Fracture Treat <input type="checkbox"/>	Multiple Complete <input type="checkbox"/>	Fracture Treatment <input type="checkbox"/>	Altering Casing <input type="checkbox"/>
Shoot or Acidize <input type="checkbox"/>	Abandon * <input type="checkbox"/>	Shooting/Acidizing <input type="checkbox"/>	Abandonment * <input type="checkbox"/>
Repair Well <input checked="" type="checkbox"/>	Change Plans <input type="checkbox"/>	(Other) <input type="checkbox"/>	
(Other) <input type="checkbox"/>			

(NOTE: Report results of multiple completion on
Well Completion or Recompletion Report and Log Form.)

17. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zone pertinent to this work) *

1. MIRU workover rig. Kill well with heavy brine and ND wellhead. NU and test BOP's. POOH w/ tubing.
2. Run in hole w/ 7" casing scraper to 5180'. POOH w/ scraper.
3. Run internal casing caliper log from 5180' to surface to locate hole in casing string.
4. Run casing inspection log from 5180' to surface to determine if external casing corrosion has occurred.
5. Run in hole with 7" bridgeplug/packer combination. Set BP 30' below hole located by casing log. Release packer from BP and set packer 30' above casing hole location.
6. Pour 5 sx of 20/40 sand down tubing and allow to settle on top of BP.
7. Squeeze cement casing hole with 200 sx of class G cement. Clear tubing and shutin for for at least 12 hours.
8. Squeeze cement surface casing and production casing annulus from surface with 350 sx class G cement if casing inspection log shows external corrosion on 7" production casing.
9. POOH with squeeze cement packer and drill out cement in casing. Load casing with fresh water and pressure test squeeze to 1000 psi. If pressure holds for 15 minutes without leakoff retrieve BP and circulate hole clean to packer at 5211'. If squeeze does not hold pressure repeat squeeze cementing procedures until casing hole is plugged and will hold pressure.

10. Run in hole with new on/off tool on 2 3/8' tubing. Load tubing and tubing casing annulus with 198 barrels of inhibited fresh water.
11. Run wireline set tubing plug in bottom of tubing string. Pressure test tubing string to 2500 psi. Bleed off pressure. Retrieve tubing plug.
12. Set on/off tool on packer and land tubing. NU wellhead. Return well to injection.

18. I hereby certify that the foregoing is true and correct

Signed: M. T. Balog Title: Sn Op Engr Date: 11/09/88
M. T. Balog

(This space for Federal or State office use)

APPROVED BY _____ TITLE: _____ DATE: _____
CONDITIONS OF APPROVAL, IF ANY:

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

*Federal Approval of this
Action is Necessary*

**Accepted by the State
of Utah Division of
Oil, Gas and Mining**
Date: 11-17-88
By: A. J. J.

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

RECEIVED
JAN 09 1989

DIVISION OF
SUNDRY NOTICES AND REPORTS ON WEIGHT, GAS & MINING

5. Lease Designation & Serial No.
14-20-603-263
6. If Indian, Allottee or Tribe Name
Navajo
7. Unit Agreement Name
McElmo Creek
8. Farm or Lease Name
McElmo Creek Unit
9. Well No.
N-23
10. Field and Pool, or Wildcat
Greater Aneth
11. Sec. T,R,M or BLK and Survey or Area
Sec 17 T41S R25E
12. County, Parish
San Juan
13. State
Utah

1. Oil Well ☐ Gas Well ☐ Other: Injection Well

2. Name of Operator
MOBIL OIL CORPORATION

3. Address of Operator
P. O. DRAWER G, CORTEZ, CO. 81321

4. Location of Well

2140' FSL 660' FWL

14. Permit No. 43-037-16364
15. Elevations (DF, RT, GR)
GL 4462'

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Subsequent Report of:

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Fracture Treat <input type="checkbox"/>	Multiple Complete <input type="checkbox"/>	Fracture Treatment <input type="checkbox"/>	Altering Casing <input type="checkbox"/>
Shoot or Acidize <input type="checkbox"/>	Abandon * <input type="checkbox"/>	Shooting/Acidizing <input type="checkbox"/>	Abandonment * <input type="checkbox"/>
Repair Well <input type="checkbox"/>	Change Plans <input type="checkbox"/>	(Other) <input type="checkbox"/>	
(Other) <input type="checkbox"/>		(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log Form.)	

17. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zone pertinent to this work) *

Rigged up pulled and laid down injection tubing. Ran casing inspection and casing caliper logs on 7 inch casing down to 5187'. Found hole in casing at 2444'.

Set squeeze packer at 2190'. Rigged up Halliburton services squeezed casing with 50 sx class B cement w/ 2% CaCl. Average pump rate 1.75 BPM final pressure 2000 psi. Shut in and WOC. Rigged up Halliburton Services onto surface pipe casing valve. Prepared to Braden Head squeeze annulus of long string and surface casing. Squeezed annulus with 40 sx (75% class B, 25% CalSeal). Average pump rate 2.5 BPM final pressure 1000 psi. Shut down and WOC. Pulled squeeze packer and RIH with bit and scraper. Drill out 90' of hard cement and cleaned out to packer (5210'). Pressured up on squeeze job with 1050 psi. Held pressure on squeeze for 30 minutes. Lost 20 psi in 30 minutes. Squeeze job held OK. Checked surface casing. Had very slight water flow less than 1 gallon an hour. Rigged up Dowell and resqueezed surface casing/long string annulus. Squeezed with 25 sx class B w/ 2% CaCl. Average pump rate 1 BPM final pump pressure 600 psi. Shut down and WOC. Checked surface casing next day and water flow had ceased. Replaced 2" pipe nipples and installed new 2" plug valve on surface casing head.

RIH with on/off tool and latched onto packer. Ran sinker bar through packer found it would not go. Suspected fill below packer. Milled out packer and cleaned wellbore to 5437'. Set new Baker inverted loc-set packer at 5157'. Ran new tubing, on/off tool and rebuilt shut off valve. Pressured test tubing to 2000 psi held OK. Loaded casing tubing annulus with inhibited fluid and pressure tested to 1000 psi. No leakoff. Rigged down and returned well to CO2 injection. Initial rate was 400 BPD at 2100 psi.

18. I hereby certify that the foregoing is true and correct

Signed:

M. T. Balog

Title: Sn Op Engr Date: 12/30/88

(This space for Federal or State office use)

APPROVED BY _____ TITLE: _____ DATE: _____

CONDITIONS OF APPROVAL, IF ANY:

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

BLM (Orig + 1)
1235 LaPlata Hwy
Farmington, NM 87401
~~505-327-5344~~ 599-8900
Robbie Jay - Dallas
Regulatory

Utah State Dept. of Health
P. O. Box 16690
Salt Lake City, UT 84116
O.S. - Jimmy Smith, Cortez
Foreman, Aneth
Navajo EPA (fax) 602-729-5240

RECEIVED

AUG 26 1993

UNDESIRABLE EVENT CHECKLIST
TELEPHONE REPORT

DIVISION OF
OIL GAS & MINING

REPORTED BY: HARRISON PETE PHONE NO: 801/651-3264 EXT. 503
DATE OF OCCURRENCE/DISCOVERY: 7/19/93 TIME OF OCCURRENCE: 4:00 pm
DATE REPORTED TO BLM: 7/20/93 TIME REPORTED TO BLM: 10:20 am
BLM OFFICE REPORTED TO (RESOURCE AREA/DISTRICT OFFICE/OTHER): FARMINGTON
LOCATION: 1/4 NW 1/4 SW SEC #17, T41S, R25E MCLEMO CREEK UNIT
COUNTY: SAN JUAN STATE: UTAH WELL NAME: 43-037-16264 N-23
OPERATOR: MOBIL OIL CORPORATION HAS OR COULD SPILL ENTER ANY WATER? No
SURFACE OWNERSHIP (FEDERAL/INDIAN/FEE/STATE): INDIAN/FED
MINERAL OWNERSHIP (FEDERAL/INDIAN/FEE/STATE): INDIAN/FED
LEASE NUMBER: 14-20-603-263 UNIT/C.A. NO.: _____ RIGHT-OF-WAY NO: _____
TYPE OF EVENT, CIRCLE APPROPRIATE ITEM(S):
SALTWATER SPILL, BLOWOUT, FIRE, FATALITY, INJURY, PROPERTY DAMAGE, OIL SPILL,
TOXIC FLUID SPILL, OIL AND SALTWATER SPILL, OIL
AND TOXIC FLUID SPILL, SALTWATER AND TOXIC FLUID SPILL, GAS VENTING,
UNCONTROLLED FLOW OF WELLBORE FLUIDS OR OTHER (Specify)
CAUSE OF EVENT: FIBER GLASS TUBING COUPLING BROKE
CAUSE AND EXTENT OF PERSONAL INJURIES/CAUSE OF DEATH(S): NONE
DID SPILL REACH WATER? No
DID SPILL REACH DRY WASH? No
EFFECTS OF EVENT: RAN ONTO ROAD AND POND UP THERE.
ACTION TAKEN TO CONTROL THE EVENT: SHUT IN LINE AND REPAIRED
LENGTH OF TIME TO CONTROL EVENT AND SUBSEQUENT CLEAN UP: 4 HOURS
VOLUME(S) OF FLUIDS (SPECIFY):
DISCHARGED: 50 BBL CONSUMED: 5 BBL
RECOVERED: 45 BBL
OTHER FEDERAL, STATE, AND LOCAL GOVERNMENT AGENCIES NOTIFIED (INCLUDE NAMES
DATE/TIME: BLM, NAVAJO EPA, UTAH LAND OFFICE
ACTION THAT HAS BEEN OR WILL BE TAKEN TO PREVENT RECURRENCE: REPLACE WITH NEW LINE.
ISSUED BY: [Signature]

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals

SUBMIT IN TRIPLICATE

1. Type of Well

☐ Oil Well

☐ Gas Well

☒ Other

INJECTION

2. Name of Operator

MOBIL OIL CORPORATION

3. Address and Telephone No.

P.O. BOX 633, MIDLAND, TX 79702

(915) 688-2585

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

2140 FSL, 660' FWL

Sec 17 T41S R25E

5. Lease Designation and Serial No.

14-20-603-263

6. If Indian, Allottee or Tribe Name

NAVAJO TRIBAL

7. If Unit or CA, Agreement Designation

McELMO CREEK UNIT

8. Well Name and No.

N-23

9. API Well No.

43-037-16364

10. Field and Pool, or Exploratory Area

GREATER ANETH

11. County or Parish, State

SAN JUAN, UTAH

12. CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

☒ Notice of Intent

☐ Subsequent Report

☐ Final Abandonment Notice

TYPE OF ACTION

☐ Abandonment

☐ Recompletion

☐ Plugging Back

☐ Casing Repair

☐ Altering Casing

☐ Other

☐ Change of Plans

☐ New Construction

☐ Non-Routine Fracturing

☐ Water Shut-Off

☐ Conversion to Injection

☐ Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

SEE ATTACHMENT

RECEIVED

JAN 03 1994

DIVISION OF
OIL, GAS & MINING

14. I hereby certify that the foregoing is true and correct

Signed *S. Bauer for* SHIRLEY TODD

Title ENVIR & REG. TECH

Date 12/29/93

(This space for Federal or State office use)

Approved by _____
Conditions of approval, if any: _____

Title

Date

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

*See Instruction on Reverse Side

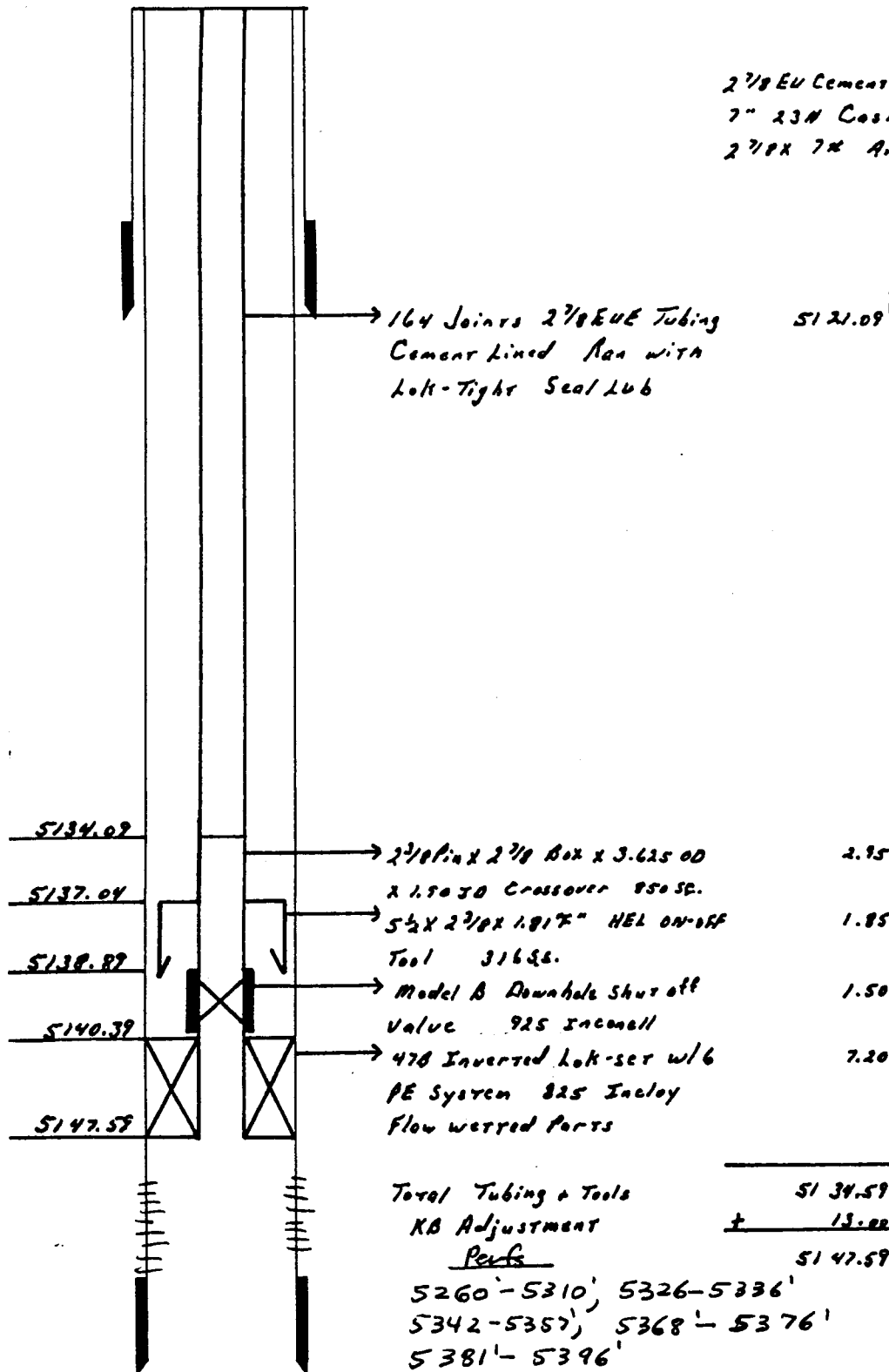
McElmo Creek Unit N-23
Workover Procedure

1. Dig, line and fence a 100+ bbl earth pit. MIRU coiled tubing unit with 1-1/4" coiled tubing. MI Standby Safety Services (303/565-6391) having 5 Scott 30 minute airpacks, five minute escape packs for all coiled tubing/acid stimulation crew, personal H2S monitors for all personnel on location, and one safety man. Acid stimulation company to provide eye wash station. Hook up coiled tubing to water injection line. Lay flow line from wing valve to a choke manifold having two adjustable chokes. Lay flowline from choke manifold to earth pit. Stake and chain flowline down. PT coiled tubing to 6000 psi using injection water.
2. RIH with 1-1/4" coiled tubing with perforation wash nozzle and CO to top of junk at 5419' using injection water at maximum circulating rate at maximum circulating pressure of 5000 psi. If unable to CO fill using injection water, attempt to clean out fill using 10 bbl of 15 percent HCL acid containing 2 gals/mgals corrosion inhibitor, and 10 lbs/mgals iron sequestering agent, neutralizing any unspent acid that returns to pit. If unsuccessful in cleaning well out, POH. RIH with 1-3/4" dynadrill on 1-1/4" coiled tubing and drill out fill. POH.
3. MIRU wireline unit with lubricator. RIH with 1-11/16" GR/CCL and log from PBTD through injection packer. POH. Turn off all radios/cellular telephones on location and post warning signs for radio/cellular telephone silence at all roads within 100 yards of location. RIH with 1-11/16" magnetically decentralized hollow steel carrier perforating guns loaded with 3.2 gram RDX charges at 4 SPF, 0 degree phasing and perforate 5326'-5376' and 5260'-5310'. POH. RDMO wireline.
4. RU coiled tubing. Pickle coiled tubing with 3 bbls of 15 percent HCL acid, reverse out to pit and neutralize. RIH with 1-1/4" coiled tubing with perforation wash nozzle and spot 8 bbls of xylene across perforations. Let soak for 1 hour. Displace with fresh water. Wash perforations shot in previous step without taking returns using 2 bbls/ft of 15 percent HCL acid. NOTE: All acid pumped into well to contain 2 gals/mgals corrosion inhibitor, and 10 lbs/mgals iron sequestering agent. Pump rate should be maximum injection rate at 5000 psi surface injection pressure. Overdisplace acid using fresh water. POH. RDMO coiled tubing unit and all surface equipment.
5. Pump out and backfill pit. Turn well over to production leaving well shut in.

DATE 04/04/90 WELL NO. N-23 LEASE McElme Creek Unit FIELD Aceta

KB

2 7/8 EU Cement Lined Tubing = .00387 ADL/ft
 7" 23N Casing = .03936 ADL/ft
 2 7/8 X 7" Annulus = .03133 ADL/ft



PBDT

5419' (Junk)

Hook Load = 38,723 # Hole Dry
 33,689 # Hole Full

15,000 # = 17" slack off

2 7/8 C.L. Tubing = 19.98
 2 7/8 X 7" Annulus = 161.26
 Total Volume To Packer = 181.24

04/03/90

Rig up Pool W.S. DS mix mud
 Briane Had to Remove CO2.

04/04/90

Pump Sol's Had to Remove CO2
 DS Pump 12.3 PPG Mud to kill well
 Tubing back together. Closed &
 Release on-off Circulate hold
 11 # mud.

04/05

Condition 11.6M Recovered.
 from hole mixed CO2 ADL 11.6M. f
 2.95 200 ADL 11.6M mud down. Open
 Well dead. Release Packer Re
 1.85 Joints & 15' Tagg bottom Rev
 Bubble out of the hole. Pull
 1.50 ~~Packer out of the hole. Still a~~
 Bubble. Reset Packer Circulation

04/06

No Pressure Tubing or Casing.
 Circulated hole Clean Pressure
 Had Leak. P.O.H To Find it.

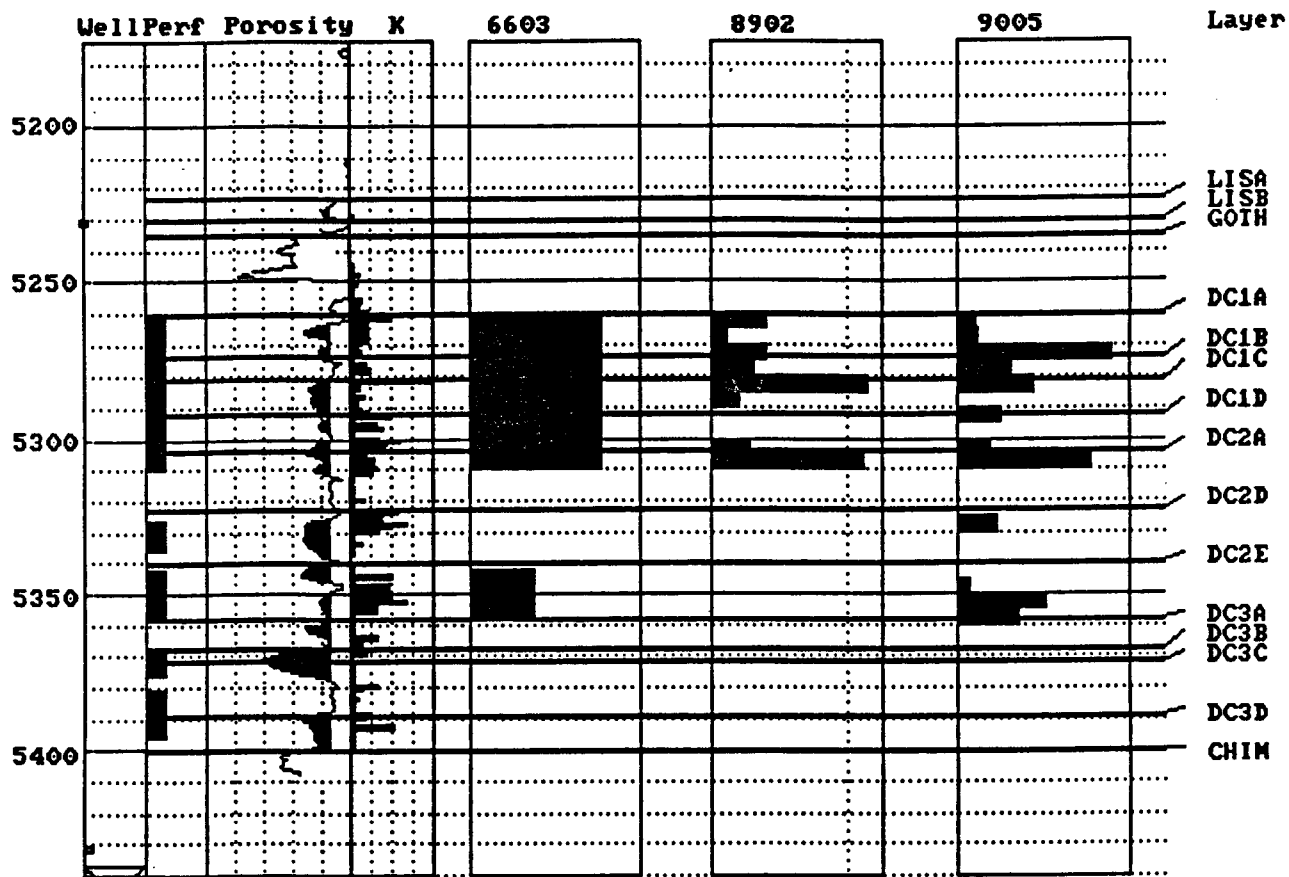
04/17

Started Picking up Cement.
 Tubing. Running Seal Lub on all
 Connections.

04/18

Finished going in the hole.
 out Tubing. Took off 80# Ins;
 well head. Pump 80 ADL Had to
 Packer Fluid. Reconnect on-off
 Test Tubing & Annulus Open Valve

PROFILE HISTORY McElmo Creek Unit N-23



PROFILE NOTES:

8902 Profile: CO2 injection profile
 8902 Profile: Date correct?
 9005 Profile: CO2 injection profile

PROFILE HISTORY:

DATE	UPIS	LISA	LISB	LSWA1	LSWA2	DC1A	DC1B	DC1C	DC1D	LSWB1	LSWB2	DC2A	DC2B	DC2C	DC2D	DC2E	DC3A	DC3B	DC3C	DC3D	Unkno.
6603								87.0								13.0					
8902						23.2	8.0	34.1	6.9			27.8									
9005						26.5	7.2	10.3	10.5			18.3			5.2	22.0					

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

APR 11 1994

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.

Use "APPLICATION FOR PERMIT - " for such proposals

SUBMIT IN TRIPLICATE

1. Type of Well

☐ Oil Well ☐ Gas Well ☒ Other

2. Name of Operator

MOBIL EXPLORATION & PRODUCING US, AS AGENT FOR MOBIL OIL CORPORATION

3. Address and Telephone No.

P. O. 633, MIDLAND, TX 79702

(915) 688-2585

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

2140' FSL, 660' FWL; SEC. 17, T41S, R25E

5. Lease Designation and Serial No.

14-20-603-263

6. If Indian, Allottee or Tribe Name

NAVAJO TRIBAL

7. If Unit or CA, Agreement Designation

MCELMO CREEK UNIT

8. Well Name and No.

MCELMO CREEK UN N-23

9. API Well No.

43-037-16364

10. Field and Pool, or exploratory Area

GREATER ANETH

11. County or Parish, State

SAN JUAN

UT

12. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

- ☐ Notice of Intent
☒ Subsequent Report
☐ Final Abandonment Notice

TYPE OF ACTION

- ☐ Abandonment
☐ Recompletion
☐ Plugging Back
☐ Casing Repair
☐ Altering Casing
☐ Other **PERF**
☐ Change of Plans
☐ New Construction
☐ Non-Routine Fracturing
☐ Water Shut-Off
☐ Conversion to Injection
☐ Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

03-15-94 MIRU. TAG PBTD @5382'. PERF W/6SPF @5260-5310, 5326-76. RDMO.

14. I hereby certify that the foregoing is true and correct

Signed *D. Irvine for Shirley Todd*

Title ENV. & REG. TECHNICIAN

Date 04/04/94 ✓

(This space for Federal or State office use)

Approved by _____

Title _____

Date _____

Conditions of approval, if any:

tax credit
8/8/94

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

* See Instruction on Reverse Side

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-0135
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MCELMO CREEK UNIT

8. Well Name and No.

MCELMO CREEK UN N-23

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43-037-16364

10. Field and Pool, or exploratory Area
GREATER ANETH

11. County or Parish, State

SAN JUAN

UT

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2. Name of Operator

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P. O. 633, MIDLAND, TX 79702

(915) 688-2585

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04/02/94 MIRU. RIH W/ COIL TBG. TO 5396'. SPOTTED 8 BBLs XYLENE ACROSS PERFS 5396-5260'.

04/04/94 ACIDIZED W/ WESTERN PERF 5376-5260 W/ 483 GAS H2O PAD 8499 GALS 15% HCL ACID WITH 1% I-22, FLUSHED W/2100 GALS H2O. RDMO. TURN TO PROD.

14. I hereby certify that the foregoing is true and correct

Signed

Shirley Dodd

Title

ENV. & REG. TECHNICIAN

Date

04/18/94

(This space for Federal or State office use)

Approved by

Title

Date

tax credit
8/8/94

Conditions of approval, if any:

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PHONE CONVERSATION DOCUMENTATION FORM

Route original/copy to:

☐ **Well File** _____
 (Location) Sec____Twp____Rng____
 (API No.) _____

☐ **Suspense**
 (Return Date) _____
 (To - Initials) _____

☒ **Other**
OPER NM CHG _____

1. Date of Phone Call: 8-3-95 Time: _____

2. DOGM Employee (name) L. CORDOVA (Initiated Call ☐)
 Talked to:

Name R. J. FIRTH (Initiated Call ☒) - Phone No. (____)
 of (Company/Organization) _____

3. Topic of Conversation: M E P N A / N7370

4. Highlights of Conversation: _____

OPERATOR NAME IS BEING CHANGED FROM M E P N A (MOBIL EXPLORATION AND PRODUCING
NORTH AMERICA INC) TO MOBIL EXPLOR & PROD. THE NAME CHANGE IS BEING DONE AT
THIS TIME TO ALLEVIATE CONFUSION, BOTH IN HOUSE AND AMONGST THE GENERAL PUBLIC.
*SUPERIOR OIL COMPANY MERGED INTO M E P N A 4-24-86 (SEE ATTACHED).

Mobil Oil Corporation

P.O. BOX 5444
DENVER, COLORADO 80217-5444

May 14, 1986

Utah Board of Oil, Gas and Mining
355 West North Temple
3 Triad Center, Suite 350
Salt Lake City, Utah 84180-1203

Attn: R. J. Firth
Associate Director

RECEIVED
MAY 16 1986

DIVISION OF
OIL, GAS & MINING

SUPERIOR OIL COMPANY MERGER

Dear Mr. Firth:

On September 20, 1984, The Superior Oil Company (Superior) became a wholly owned subsidiary of Mobil Corporation. Since January 1, 1985, Mobil Oil Corporation (MOC), another wholly owned subsidiary of Mobil Corporation, has acted as agent for Superior and has operated the Superior-owned properties.

On April 24, 1986, Superior was merged with Mobil Exploration and Producing North America Inc. (MEPNA), which is also a wholly owned subsidiary of Mobil Corporation. MEPNA is the surviving company of the merger.

This letter is to advise you that all properties held in the name of Superior will now be held in the name of MEPNA; and that these properties will continue to be operated by MOC as agent for MEPNA.

Attached is a listing of all wells and a separate listing of injection-disposal wells, Designation of Agent and an organization chart illustrating the relationships of the various companies. If you have any questions or require additional documentation of this merger, please feel free to contact me at the above address or (303) 298-2577.

Very truly yours,



CNE/rd
CNE8661

R. D. Baker
Environmental Regulatory Manager

STATE OF UTAH
INVENTORY OF INJECTION WELLS

OPERATOR	API NO.	WELL	TNS	RGE	SE	WELLTYPE	INDIAN COUNT
*****	*****	*****	***	***	**	*****	*****
✓MEPNA (MOBIL	43-037-30974	G-21A	41S	24E	13	INJW	Y
✓MEPNA (MOBIL	43-037-16344	E-23	41S	24E	14	INJW	Y
✓MEPNA (MOBIL	43-037-16343	E-21	41S	24E	14	INJW	Y
✓MEPNA (MOBIL	43-037-16353	I-25	41S	24E	24	INJW	Y
✓MEPNA (MOBIL	43-037-16349	G-25	41S	24E	24	INJW	Y
✓MEPNA (MOBIL	43-037-16384	V-15	41S	25E	3	INJI	Y
✓MEPNA (MOBIL	43-037-16383	V-13	41S	25E	3	INJW	Y
✓MEPNA (MOBIL	43-037-16157	U-16	41S	25E	4	INJW	Y
✓MEPNA (MOBIL	43-037-16148	R-13	41S	25E	4	INJW	Y
✓MEPNA (MOBIL	43-037-16149	R-15	41S	25E	4	INJW	Y
✓MEPNA (MOBIL	43-037-16378	T-13	41S	25E	4	INJW	Y
✓MEPNA (MOBIL	43-037-16379	T-15	41S	25E	4	INJW	Y
✓MEPNA (MOBIL	43-037-16156	U-14	41S	25E	4	INJW	Y
✓MEPNA (MOBIL	43-037-16152	S-16	41S	25E	4	INJW	Y
✓MEPNA (MOBIL	43-037-16151	S-14	41S	25E	4	INJW	Y
✓MEPNA (MOBIL	43-037-16365	O-14	41S	25E	5	INJW	Y
✓MEPNA (MOBIL	43-037-15969	O-16	41S	25E	5	INJW	Y
✓MEPNA (MOBIL	43-037-16363	N-15	41S	25E	5	INJW	Y
✓MEPNA (MOBIL	43-037-15966	N-13	41S	25E	5	INJW	Y
✓MEPNA (MOBIL	43-037-15975	Q-16	41S	25E	5	INJW	Y
✓MEPNA (MOBIL	43-037-15974	Q-14	41S	25E	5	INJW	Y
✓MEPNA (MOBIL	43-037-15972	P-15	41S	25E	5	INJW	Y
✓MEPNA (MOBIL	43-037-16368	P-13	41S	25E	5	INJW	Y
✓MEPNA (MOBIL	43-037-15960	L-15	41S	25E	6	INJI	Y
✓MEPNA (MOBIL	43-037-16355	J-13	41S	25E	6	INJW	Y
✓MEPNA (MOBIL	43-037-15959	L-13	41S	25E	6	INJW	Y
✓MEPNA (MOBIL	43-037-15963	M-14	41S	25E	6	INJI	Y
✓MEPNA (MOBIL	43-037-15957	K-16	41S	25E	6	INJI	Y
✓MEPNA (MOBIL	43-037-15954	J-15	41S	25E	6	INJI	Y
✓MEPNA (MOBIL	43-037-15956	K-14	41S	25E	6	INJW	Y
✓MEPNA (MOBIL	43-037-16361	M-16	41S	25E	6	INJW	Y
✓MEPNA (MOBIL	43-037-15498	J-17	41S	25E	7	INJW	Y
✓MEPNA (MOBIL	43-037-15511	M-20	41S	25E	7	INJW	Y
✓MEPNA (MOBIL	43-037-15510	M-18	41S	25E	7	INJW	Y
✓MEPNA (MOBIL	43-037-15505	L-19	41S	25E	7	INJW	Y
✓MEPNA (MOBIL	43-037-16360	L-17	41S	25E	7	INJW	Y
✓MEPNA (MOBIL	43-037-15503	K-20	41S	25E	7	INJW	Y
✓MEPNA (MOBIL	43-037-16357	K-18	41S	25E	7	INJW	Y
✓MEPNA (MOBIL	43-037-16356	J-19	41S	25E	7	INJW	Y
✓MEPNA (MOBIL	43-037-15519	P-17	41S	25E	8	INJW	Y
✓MEPNA (MOBIL	43-037-15515	N-19	41S	25E	8	INJW	Y
✓MEPNA (MOBIL	43-037-15514	N-17	41S	25E	8	INJW	Y
✓MEPNA (MOBIL	43-037-15520	P-19	41S	25E	8	INJW	Y
✓MEPNA (MOBIL	43-037-15517	O-18	41S	25E	8	INJW	Y
✓MEPNA (MOBIL	43-037-16373	R-19	41S	25E	9	INJW	Y
✓MEPNA (MOBIL	43-037-15976	R-17	41S	25E	9	INJI	Y
✓MEPNA (MOBIL	43-037-16380	T-17	41S	25E	9	INJW	Y
✓MEPNA (MOBIL	43-037-16374	R-21	41S	25E	16	INJW	Y
✓MEPNA (MOBIL	43-037-31439	P-23A	41S	25E	17	INJW	Y
✓MEPNA (MOBIL	43-037-15516	N-21	41S	25E	17	INJW	Y
✓MEPNA (MOBIL	43-037-16369	P-21	41S	25E	17	INJW	Y
✓MEPNA (MOBIL	43-037-16364	N-23	41S	25E	17	INJW	Y
✓MEPNA (MOBIL	43-037-15507	L-23	41S	25E	18	INJW	Y

Division of Oil, Gas and Mining
OPERATOR CHANGE WORKSHEET

Attach all documentation received by the division regarding this change.
 Initial each listed item when completed. Write N/A if item is not applicable.

1- LVC	7- PL
2- LWP	8- SI
3- DT	9- FILE
4- VLC	
5- RJF	
6- LWP	

- ☐ Change of Operator (well sold) ☐ Designation of Agent
☐ Designation of Operator ☒ Operator Name Change Only

The operator of the well(s) listed below has changed (EFFECTIVE DATE: 8-2-95)

TO (new operator) MOBIL EXPLOR & PROD
 (address) C/O MOBIL OIL CORP
PO DRAWER G
CORTEZ CO 81321
 phone (303) 564-5212
 account no. N7370

FROM (former operator) M E P N A
 (address) C/O MOBIL OIL CORP
PO DRAWER G
CORTEZ CO 81321
 phone (303) 564-5212
 account no. N7370

Well(s) (attach additional page if needed):

Name: <u>** SEE ATTACHED **</u>	API: <u>037-16364</u>	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____

OPERATOR CHANGE DOCUMENTATION

- N/A 1. (Rule R615-8-10) Sundry or other legal documentation has been received from former operator (Attach to this form).
- N/A 2. (Rule R615-8-10) Sundry or other legal documentation has been received from new operator (Attach to this form).
- N/A 3. The Department of Commerce has been contacted if the new operator above is not currently operating any wells in Utah. Is company registered with the state? (yes/no) ____ If yes, show company file number: _____.
- N/A 4. (For Indian and Federal Wells ONLY) The BLM has been contacted regarding this change (attach Telephone Documentation Form to this report). Make note of BLM status in comments section of this form. Management review of **Federal and Indian** well operator changes should take place prior to completion of steps 5 through 9 below.
- Yes 5. Changes have been entered in the Oil and Gas Information System (Wang/IBM) for each well listed above. (8-3-95)
- LWP 6. Cardex file has been updated for each well listed above. 8-21-95
- LWP 7. Well file labels have been updated for each well listed above. 9-28-95
- Yes 8. Changes have been included on the monthly "Operator, Address, and Account Changes" memo for distribution to State Lands and the Tax Commission. (8-3-95)
- Yes 9. A folder has been set up for the Operator Change file, and a copy of this page has been placed there for reference during routing and processing of the original documents.

ENTITY REVIEW

- Yes 1. (Rule R615-8-7) Entity assignments have been reviewed for all wells listed above. Were entity changes made? (yes/no) no (If entity assignments were changed, attach copies of Form 6, Entity Action Form).
- N/A 2. State Lands and the Tax Commission have been notified through normal procedures of entity changes.

BOND VERIFICATION (Fee wells only) ** No Fee Lease Wells at this time!*

- N/A Yes 1. (Rule R615-3-1) The new operator of any fee lease well listed above has furnished a proper bond.
2. A copy of this form has been placed in the new and former operators' bond files.
3. The former operator has requested a release of liability from their bond (yes/no) . Today's date 19 . If yes, division response was made by letter dated 19 .

LEASE INTEREST OWNER NOTIFICATION RESPONSIBILITY

- N/A UTS 8/5/95 1. (Rule R615-2-10) The former operator/lessee of any **fee lease** well listed above has been notified by letter dated 19 , of their responsibility to notify any person with an interest in such lease of the change of operator. Documentation of such notification has been requested.
- N/A 2. Copies of documents have been sent to State Lands for changes involving State leases.

FILMING

- ✓ 1. All attachments to this form have been microfilmed. Date: October 4 1995.

FILING

1. Copies of all attachments to this form have been filed in each well file.
2. The original of this form and the original attachments have been filed in the Operator Change file.

COMMENTS

950803 UIC F5/Not necessary!

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.

Use "APPLICATION FOR PERMIT -" for such proposals

FORM APPROVED

Budget Bureau No. 1004-0135

Expires: March 31, 1993

5. Lease Designation and Serial No.

14-20-603-263

6. If Indian, Allottee or Tribe Name

NAVAJO TRIBAL

7. If Unit or CA, Agreement Designation

MCELMO CREEK UNIT

8. Well Name and No.

N-23

9. API Well No.

43-037-16364

10. Field and Pool, or exploratory Area

GREATER ANETH

11. County or Parish, State

SAN JUAN UT

SUBMIT IN TRIPLICATE

1. Type of Well

☐ Oil Well

☐ Gas Well

☒ Other

INJECTOR

2. Name of Operator

Mobil Exploration & Producing U.S. Inc.
as Agent for Mobil Producing TX & NM Inc.

3. Address and Telephone No.

P.O. Box 633, Midland, TX 79702 (915)68-2585

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

2140' FSL, 660' FWL
SEC.17, T41S, R25E

12. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

☒

Notice of Intent

☐

Subsequent Report

☐

Final Abandonment Notice

TYPE OF ACTION

☐

Abandonment

☐

Recompletion

☐

Plugging Back

☐

Casing Repair

☐

Altering Casing

☒

Other

WORKOVER

☐

Change of Plans

☐

New Construction

☐

Non-Routine Fracturing

☐

Water Shut-Off

☐

Conversion to Injection

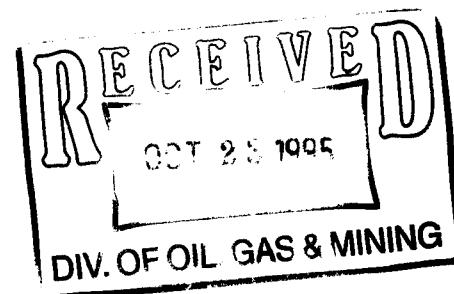
☐

Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

SEE ATTACHED PROCEEDURE



14. I hereby certify that the foregoing is true and correct

Signed

Shuley Robertson

Title

ENV. & REG. TECHNICIAN

Date

10-18-94

(This space for Federal or State office use)

Approved by

Conditions of approval, if any:

Accepted by the
Utah Division of
Oil, Gas and Mining

Title

Date

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction

FOR RECORD ONLY

* See instruction on Reverse Side

MEPUS, FOUR CORNERS AREA
WORKOVER PROGRAM

FIELD: Greater Aneth
LEASE: McElmo Creek Unit
AFE #: SAR4 for #135M 8/8ths

DATE: 22/SEPT/95
WELL: N-23
PRISM ID #: 0000335

LOCATION: 2140' FSL, 660' FWL, SEC. 17-T41S-R25E

ELEVATION: 4471' RKB TOTAL DEPTH: 5453 FT. MD.
PBD: 5419 FT. MD. (Top of Junk)

WORKOVER RIG: Big A #36 WORKOVER FLUID: 10 ppg brine

EXISTING PERFS: 5260'-5310', 5326'-76', 5368'-76', 5381'-96'

PROPOSED PERFS: Same as existing.

LAST INJECTION RATE: 31/MAY/95: 64 BPD CO2 at 2700 psi

PROPOSED WORK: Pull and lay down 2-7/8", 6.5 lb/ft J-55 EUE 8rd fluorolined injection tubing, PU 2-7/8", 6.5 lb/ft EUE 8rd workstring and retrieve Baker inverted lok-set packer, on/off tool, and downhole shut off valve, clean well out using bit and scraper to PBD at 5419', run GR/METT/CCL log, PT casing and squeeze as necessary, set a wireline set, tubing retrievable packer, complete well with a latching seal assembly on 2-7/8", 6.5 lb/ft J-55 EUE 8rd fluorolined KCTS tubing.

If the well can not be killed with 10 ppg brine, snubbing operations will be used for this workover until a wireline set production packer with a pump out plug has been set.

JUSTIFICATION: The N-23 failed a MIT test and was shut in as required by the EPA. The N-23 directly supports 112 BOPD out of a total pattern production of 291 BOPD which will be lost if this well is not repaired.

PREPARED BY: S. S. MURPHY
OPERATIONS ENGR.

Distribution:	E. T. Barber - Aneth	S. A. Robertson - 1046 MOB
	T. M. Kuykendall - Cortez	Aneth Files
	T. Cochrane - Cortez	Cortez Files
	W. F. Hannes - 1033 MOB	
	G. D.-Cox - 1103 MOB	

McElmo Creek N-23
Workover Procedure

1. Lock and tag out all power sources. RU pump and pump lines to christmas tree. Bullhead 50 bbls of 10 ppg brine into well. Observe well the next day to confirm if well is dead.
2. MI workover rig having 108' derrick. Bleed off casing pressure. Unbolt tree and PU 20,000 lbs tension and rotate 1 turn to the left to close downhole shut off valve. If well is not dead, bleed off tubing pressure to confirm downhole shut off valve is closed. If downhole shut off valve does not hold, RIH with a plug on slickline and set in 1.81" profile nipple.
3. Release on/off tool. ND tree. NU and PT BOP's to 3000 psi high and 250 psi low. Circulate hole to 10 ppg brine. PT casing to 1000 psi for 30 minutes (5 percent or less leakoff is acceptable). POH laying down injection tubing. Use open rotary type tongs with backup on collar (Do not use Foster type closed rotary tongs). Install thread protectors while laying down tubing. Send injection tubing to Permian Enterprises in Odessa, Texas for inspection/repair. Send tree to Big Bed Tool, Farmington for inspection and replacement of AB modified teflon seal ring in bottom of tree. Have tree returned in time for use on this well.
4. If well was not dead, RU snubbing unit. PU and RIH with 2-7/8" J-55 EUE 8rd workstring and on/off tool skirt. Release Baker inverted Lok-set packer and POH. RIH with 6-1/8" rock bit without nozzles and casing scraper for 7", 23 lb/ft casing on 2-7/8" EUE 8rd workstring and CO to PBTD at 5419' EL (Top of Junk). POH. NOTE: Space casing scraper out to not enter existing perforations starting at 5260'.
5. If 7" casing failed to PT in Step No. 3, RIH with squeeze packer and locate casing leak. POH. RIH with squeeze packer, 2 joints of 2-3/8" tubing and RBP. Set RBP +/- 100' below leak. Set squeeze packer below leak and PT RBP to 2000 psi. Dump 400 lbs of 20/40 sand down workstring slowly and pump to bottom. Wait 1 hour for sand to fall. Reverse out workstring. RIH and tag top of sand to confirm +/- 10' of sand on top of RBP. PU and set tubing tail +/- 50' above location of casing leak. Set Squeeze packer and space out with 15,000 lbs weight. Pressure backside to 1000 psi and monitor. Establish injection rate of +/- 1-2 BPM using 10 ppg brine at maximum surface injection pressure of 2500 psi. Mix and pump 5 bbls fresh water spacer, 100 sxs of class B standard cement with 2 percent CaCl₂, followed with 5 bbls of fresh water spacer and 10 ppg brine.

6. Displace top of slurry to end of tailpipe or to a maximum injection pressure of 2500 psi. Stage squeeze last 4 bbls of cement as necessary to obtain a final squeeze pressure of at least 2000 psi. Release squeeze packer and reverse out. POH. WOC 12 hours.
7. RIH with 6-1/8" rock bit without nozzles and casing scraper on 2-7/8" workstring and drill out cement. Clean out to top of sand on top of RPB. PT casing to 1000 psi. POH. Resqueeze as necessary. If PT OK then RIH with retrieving tool on workstring. Wash sand off RPB and retrieve RBP. POH laying down workstring.
8. RU Schlumberger wireline and lubricator. PT lubricator to 1000 psi or wellhead pressure if higher. RIH with GR/METT/CCL and log from PBTD at 5419' to 4400'. POH.
9. RIH with junk basket/gauge ring to 5140'. POH.

10. RIH with the following production packer assembly on wireline:

DESCRIPTION	MAX. O.D. in.	MIN. I.D. in.	LENGTH ft.
7" X 3.5" 23 lb/ft wireline set Guiberson Uni-X retrievable seal bore packer (Nickel plated and plastic coated) with 90 Duro Nitrile ends w/78 Duro Polyepichlorohydrin CO2 center elastomers w/4.5' X 3.5" 316 stainless steel seal bore extension w/Aflas o-rings on all threaded connections	6.125	3.5	11.42
316 stainless steel sealbore AB modified box X 2-3/8" EUE 8rd pin x-over	4.75	1.995	0.75
6 ft 316 stainless steel 2-3/8", 4.7 lb/ft pup joint w/EUE 8rd AB Modified box X pin	3.063	1.995	6.0
316 stainless steel Model F non-ported seating nipple, Size 1.812 w/2-3/8", 4.7 lb/ft EUE 8rd AB Modified box X pin	3.063	1.812	1.0
6 ft 316 stainless steel 2-3/8", 4.7 lb/ft pup joint w/EUE 8rd AB Modified box X pin	3.063	1.995	6.0
316 stainless steel Model R non-ported NoGo seating nipple, Size 1.781 w/2-3/8", 4.7 lb/ft EUE 8rd AB Modified box X pin	3.063	1.728	1.0
316 stainless steel wireline entry guide w/pump-out plug, size 2-3/8", 4.7 lb/ft EUE 8rd AB Modified box	3.063	1.995 (After plug pumped out)	0.5

NOTE: All connections to be made up with Baker super B.

11. Set top of packer at 5130'EL. NOTE: Based on METT log, packer depth can be adjusted to not set in bad casing or collar. POH with setting tool. Bleed off casing pressure. RDMQ wireline. RD snubbing unit if it was required in previous steps.

12. PU and RIH with the following latch type seal assembly and used/inspected injection string:

DESCRIPTION	MAX. O.D.	MIN. I.D.	LENGTH
	in.	in.	ft.
2-3/8", 4.7 lb/ft AB Modified 8rd X 3.5" Guiberson latch nipple w/ATR seals, 7 ft long spacer tube, one ATR seal nipple, one ATR seal unit, one ATR seal unit made of 316 stainless steel, 1/2 muleshoe made of 316 stainless steel, I.D. of flow area of seal assembly is plastic coated, all 8 TPI stub acme boxes to have Aflas o-rings, all 10 rd boxes to be AB modified with Teflon rings installed. Assembly to be pressure tested to 3000 psi using nitrogen prior to being sent to location.	3.45	1.901	11.0
316 stainless steel Model F non-ported seating nipple, Size 1.97 w/2-3/8", 4.7 lb/ft EUE 8rd AB Modified box x pin	3.063	1.87	2.0
316 stainless steel 2-7/8", 6.5 lb/ft EUE 8rd AB Modified Box X 2-3/8", 4.7 lb/ft EUE 8rd pin x-over	3.668	2.25	1.0
2-7/8" KCTS box X EUE 8rd pin	3.668	2.14	1.0
2-7/8", 6.5 lb/ft J-55 KCTS (Threadmasters Torque Ring) Fluorolined Tubing w/pup joints as required	3.668	2.14	+/- 5115'

NOTE: A. All used KCTS tubing to be torque turned to 2250 ft-lbs. All connections of seal assembly and tubing to be made up using Baker super B containing teflon. Use permitek on permiserts. Bill Allman (505/632-8702) to be on location while running tubing.

B. Rabbit tubing with 2.0" O.D. rabbit.

13. Sting seal assembly into production packer and space out for 15,000 lbs compression at surface. PT backside to 500 psi. Rotate to the right and release seal assembly from packer. Install necessary 2-7/8", 6.5 lb/ft J-55 KCTS fluorolined tubing pup joints and landing sub. Reverse circulate fresh water packer fluid containing 1 percent by volume of Tretolite CRW137 corrosion inhibitor/oxygen scavenger.
14. ND BOPS. Screw on christmas tree. Insure that Teflon ring in box on christmas tree is a new ring. Snap into snap latch and confirm by pulling 10,000 lbs tension. Land tree and bolt up flange. Pressure tubing to 2500 psi to shear out pump out plug. RDMD workover rig. Hook up injection lines. Clean location.
15. Perform Mechanical Integrity Test (MIT) for EPA. Contact Jim Walker of the Navajo EPA in Shiprock at 505/368-1040 to witness. Use chart recorder to record test. Send copies of chart to Shirley Robertson Midland - 1046 MOB, Ed Barber, Aneth, and Aneth files. Fill out Utah tax credit form and submit to Tiny Higman, Cortez office. After obtaining an acceptable MIT, place well on water injection on maximum choke.

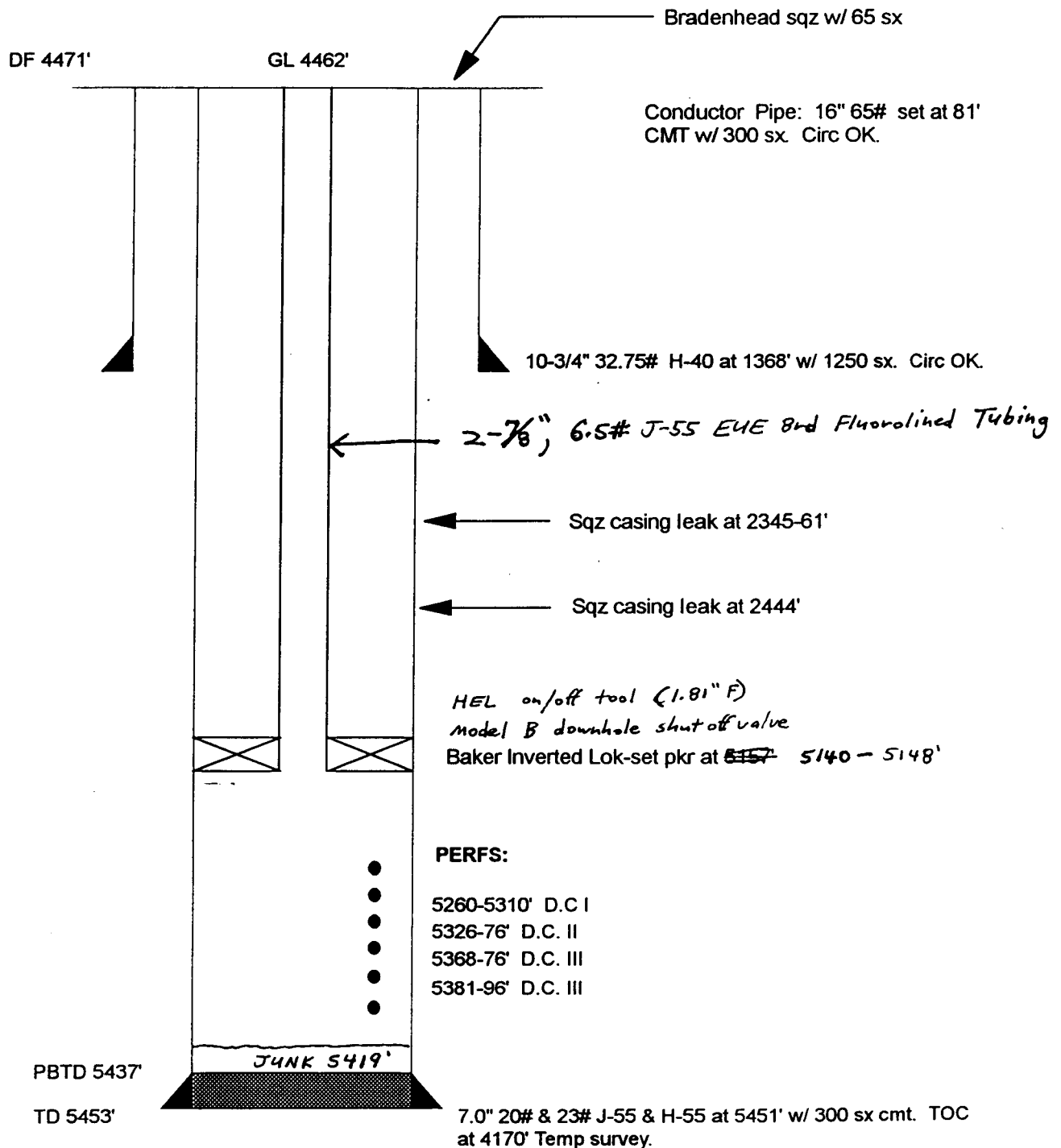
VENDORS LIST

<u>DESCRIPTION</u>	<u>VENDOR</u>
Snubbing Unit (If Necessary)	Live Well
Corrosion Inhibitor	Tretolite
Supervision of running tubulars	Bill Allman
Torque Turn Services	Tong Rental
Logging, junk basket/ gauge ring, packer setting	Schlumberger
Production packer, 316 stainless steel tubing nipples, seal assembly, wireline re-entry guide, pump out plug	Guiberson
316 Stainless steel pup joints, x-overs	Guiberson
Cementing Services (If Necessary)	Halliburton
Inspection of Christmas Tree	Big Red Tool
Inspection of used tubing string and repair	Permian Enterprises
Bit, scraper, squeeze packer, RFB, work string, water hauling	Not Specified

McELMO CREEK UNIT #N-23
 GREATER ANETH FIELD
 2140' FSL & 660' FWL
 SEC 17-T41S-R25E
 SAN JUAN COUNTY, UTAH
 API 43-037-16364
 PRISM 0000335

INJECTOR

RKB 4471'



ENGINEERS CALCULATION SHEET

FOR

JOB OR AUTH NO

LOCATION

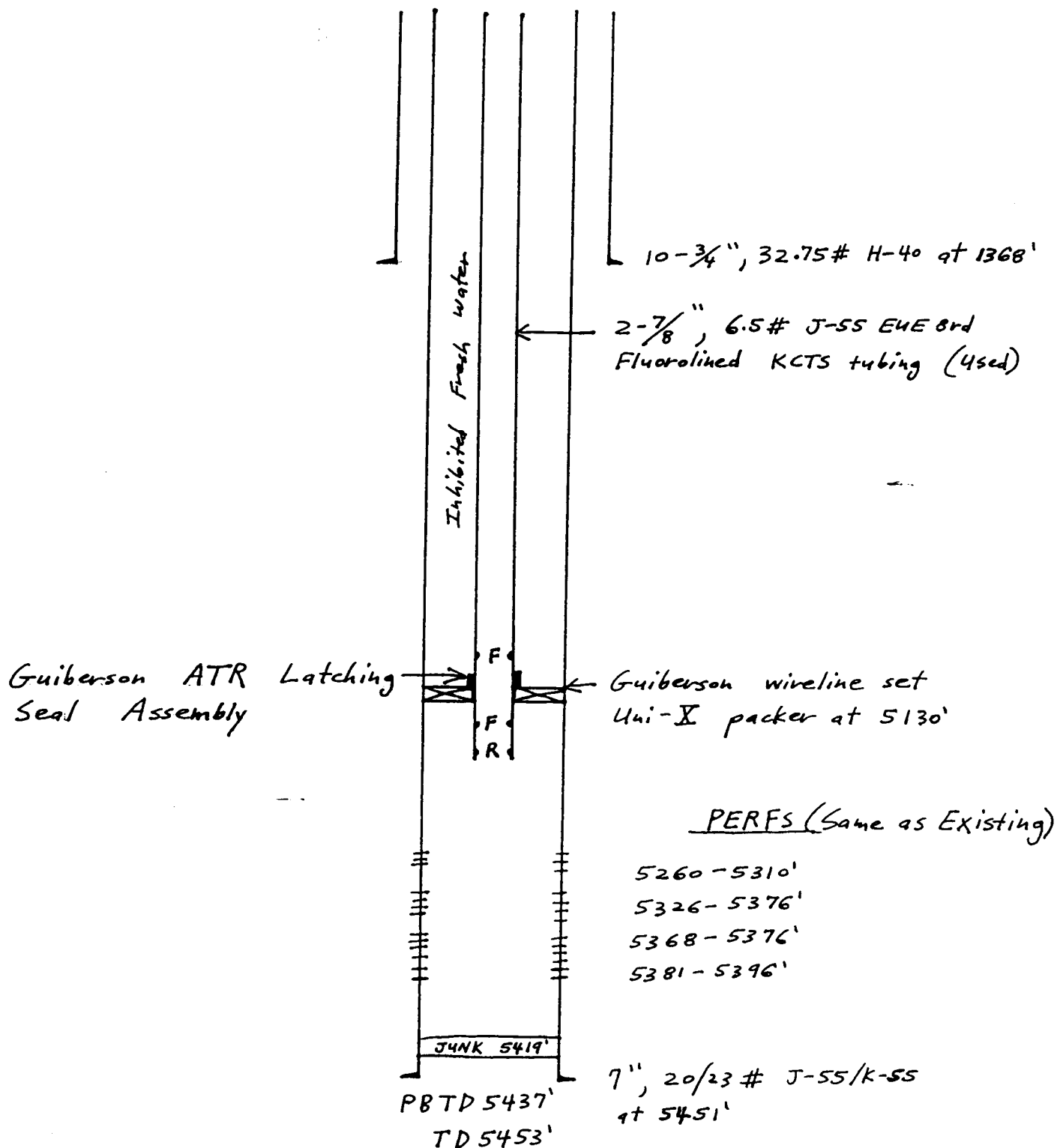
PAGE

SUBJECT McElmo Creek Unit N-23
RKB 4471'

DATE 20/SEPT/95

BY S.S. MURPHY

PROPOSED



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UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.
Use "APPLICATION FOR PERMIT -" for such proposals

SUBMIT IN TRIPLICATE

1. Type of Well

☐ Oil Well

☐ Gas Well

☒ Other

INJECTOR

2. Name of Operator Mobil Exploration & Producing U.S. Inc.
as Agent for Mobil Producing TX & NM Inc.

3. Address and Telephone No.

P.O. Box 633, Midland, TX 79702 (915)68-2585

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

2140' FSL, 660' FWL
SEC.17, T41S, R25E

FORM APPROVED

Budget Bureau No. 1004-0135

Expires: March 31, 1993

5. Lease Designation and Serial No.

14-20-603-263

6. If Indian, Allottee or Tribe Name

NAVAJO TRIBAL

7. If Unit or CA, Agreement Designation

MCELMO CREEK UNIT

8. Well Name and No.

N-23

9. API Well No.

43-037-16364

10. Field and Pool, or exploratory Area

GREATER ANETH

11. County or Parish, State

SAN JUAN UT

12. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION



Notice of Intent



Subsequent Report



Final Abandonment Notice

TYPE OF ACTION



Abandonment



Recompletion



Plugging Back



Casing Repair



Altering Casing



Other RETURN TO INJECTION



Change of Plans



New Construction



Non-Routine Fracturing



Water Shut-Off



Conversion to Injection



Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

RETURNED TO INJECTION 12-29-95

14. I hereby certify that the foregoing is true and correct

Signed

Shirley Robinson

Title

ENV. & REG. TECHNICIAN

Date

01-03-96

(This space for Federal or State office use)

Approved by

Title

Date

Conditions of approval, if any:

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUNDRY NOTICES AND REPORTS ON WELLS JAN 8 1996

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.
Use "APPLICATION FOR PERMIT -" for such proposals

SUBMIT IN TRIPLICATE

1. Type of Well

☐ Oil Well ☐ Gas Well ☒ Other INJECTOR

2. Name of Operator Mobil Exploration & Producing U.S. Inc.
as Agent for Mobil Producing TX & NM Inc.

3. Address and Telephone No.
P.O. Box 633, Midland, TX 79702 (915)68-2585

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
2140' FSL, 660' FWL
SEC.17, T41S, R25E

FORM APPROVED

Budget Bureau No. 1004-0135

Expires: March 31, 1993

5. Lease Designation and Serial No.

14-20-603-263

6. If Indian, Allottee or Tribe Name

NAVAJO TRIBAL

7. If Unit or CA, Agreement Designation

MCELMO CREEK UNIT

8. Well Name and No.

N-23

9. API Well No.

43-037-16364

10. Field and Pool, or exploratory Area

GREATER ANETH

11. County or Parish, State

SAN JUAN UT

12. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

- ☒ Notice of Intent
☒ Subsequent Report
☐ Final Abandonment Notice

TYPE OF ACTION

- ☐ Abandonment
☐ Recompletion
☐ Plugging Back
☐ Casing Repair
☐ Altering Casing
☒ Other RETURN TO INJECTION
☐ Change of Plans
☐ New Construction
☐ Non-Routine Fracturing
☐ Water Shut-Off
☐ Conversion to Injection
☐ Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

RETURNED TO INJECTION 12-29-95

14. I hereby certify that the foregoing is true and correct

Signed Shirley Robinson

Title ENV. & REG. TECHNICIAN

Date 01-03-96

(This space for Federal or State office use)

Approved by

Title

Date

Conditions of approval, if any:

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.

Use "APPLICATION FOR PERMIT - " for such proposals

FORM APPROVED

Budget Bureau No. 1004-0135

Expires: March 31, 1993

5. Lease Designation and Serial No.

14-20-603-263

6. If Indian Allottee or Tribe Name

NAVAJO TRIBAL

7. If Unit or CA, Agreement Designation

MCELMO CREEK UNIT

8. Well Name and No.

MCELMO CREEK N-23

9. API Well No.

43-037-16364

10. Field and Pool, or exploratory Area

GREATER ANETH

11. County or Parish, State

SAN JUAN UT

SUBMIT IN TRIPLICATE

1. Type of Well

☐ Oil Well

☐ Gas Well

☒ Other

INJECTOR

2. Name of Operator Mobil Exploration & Producing U.S. Inc.

as Agent for Mobil Producing TX & NM Inc.

3. Address and Telephone No.

P.O. Box 633, Midland, TX 79702

(915)688-2585

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

2140' FSL, 660' FWL

SEC.17, T41S, R25E

12. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA.

TYPE OF SUBMISSION

☐

Notice of Intent

☒

Subsequent Report

☐

Final Abandonment Notice

TYPE OF ACTION

☐

Abandonment

☐

Recompletion

☐

Plugging Back

☐

Casing Repair

☐

Altering Casing

☒

Other

WORKOVER

☐

Change of Plans

☐

New Construction

☐

Non-Routine Fracturing

☐

Water Shut-Off

☐

Conversion to Injection

☐

Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

11-27-95 TO 12-26-95 MIRU, 10# BRINE, POOH 2 7/8" CMT LINED TBG. @ 5044', PKR IN TIGHT SPOT, PU 6 3/4 BIT & CS, BEAT PKR TO BOTTOM 5409' (NEW PBTD). SET CIBP @ 5140', ISOLATE CSG LEAK F/ 2265-2308', SPOT 50 SX CLS B CMT W/ 8% HALAD-322 (15.6 PPG), STAGE SQZ TO 1050# S.I.. TAG TOC @ 2111', DO CMT F/2111-2308', CIRC CLEAN & PRESS TEST TO 1000# PSI, BLED OFF, ISOLATE LEAK F/ 2250-2280', SPOT 30 SX CLS B CMT W/ 2% CACL & 5% HALAD-322, STAGE SQZ TO 1120#, TAG TOC @ 2154', DO CMT F/ 2154-2282', CIRC CLEAN, PRESS TEST TO 1000# PSI F/ 30 MIN & HELD 5140', DO CIBP, SET PKR @ 5105', CIRC 210 BBLs PKR FLUID, RIH W/ 162 JTS 2 7/8" KCTS. RDMO.

0

14. I hereby certify that the foregoing is true and correct

Signed

Shirley Robertson

Title

ENV. & REG. TECHNICIAN

Date

04-10-96

(This space for Federal or State office use)

Approved by

Title

Date

Conditions of approval, if any:

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.

Use "APPLICATION FOR PERMIT -" for such proposals

SUBMIT IN TRIPLICATE

1. Type of Well

☐ Oil Well

☐ Gas Well

☐ Other

INJECTOR

2. Name of Operator

Mobil Exploration & Producing U.S. Inc.
as Agent for Mobil Producing TX & NM Inc.

3. Address and Telephone No.

P.O. Box 633, Midland, TX 79702

(915) 688-2585

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

SEC. 17 - T41S - R25E

FORM APPROVED

Budget Bureau No. 1004-0135

Expires: March 31, 1993

5. Lease Designation and Serial No.

14-20-603-263

6. If Indian, Allottee or Tribe Name

NAVAJO TRIBAL

7. If Unit or CA, Agreement Designation

McELMO CREEK UNIT

8. Well Name and No.

McELMO CREEK N-23

9. API Well No.

43-037-16364

10. Field and Pool, or exploratory Area

GREATER ANETH FIELD

11. County or Parish, State

SAN JUAN UTAH

12. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

☐

Notice of Intent

☒

Subsequent Report

☐

Final Abandonment Notice

TYPE OF ACTION

☐

Abandonment

☐

Recompletion

☐

Plugging Back

☐

Casing Repair

☐

Altering Casing

☒

Other

CORRECTION

☐

Change of Plans

☐

New Construction

☐

Non-Routine Fracturing

☐

Water Shut-Off

☐

Conversion to Injection

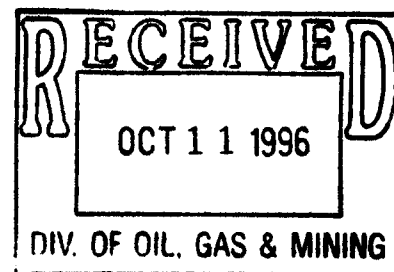
☐

Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

THE MIT FAILURE DUE TO MECHANICAL OR CASING LEAK WAS FILED FOR APPROVAL UNDER McELMO CREEK UNIT N-22 & APPROVED JULY 27, 1995. ATTACHED IS A COPY OF THE MIT, DATED 12-27-95 FOR McELMO CREEK #N-23.



14. I hereby certify that the foregoing is true and correct

Signed

Shirley Houchins

Title

ENV. & REG. TECHNICIAN

Date

10-04-96

(This space for Federal or State office use)

Approved by

Title

Date

Conditions of approval, if any:

U.S. ENVIRONMENTAL PROTECTION AGENCY

NOTICE OF INSPECTION

Address (EPA Regional Office)

Region 9
Environmental Inspection Agency
215 Fremont Street (W-6-2)
San Francisco, CA 94105

Inspection Contractor

NAVAJO EPA
~~THE CADMUS GROUP, INC.~~
CORPORATE OFFICE
405 Deerpark Street
Walworth, MA 02154
(617) 864-0000

Firm To Be Inspected

Mobil E. & P., Inc.
P.O. Box Drawer G
Cortez, CO 81321

Date *12-27-95*

Hour *11:40*

Notice of inspection is hereby given according to Section 1445(b) of the Safe Drinking Water Act (42 U.S.C. §300 f et seq.).

Reason For Inspection

For the purpose of inspecting records, files, papers, processes, controls and facilities, and obtaining samples to determine whether the person subject to an applicable underground injection control program has acted or is acting in compliance with the Safe Drinking Water Act and any applicable permit or rule.

MCU # N-23 WATER INJECTION WELL, M.I.T.
PASSED M.I.T.

Section 1445(b) of the SDWA (42 U.S.C. §300 j-4 (b) is quoted on the reverse of this form.

Receipt of this Notice of Inspection is hereby acknowledged.

Firm Representative

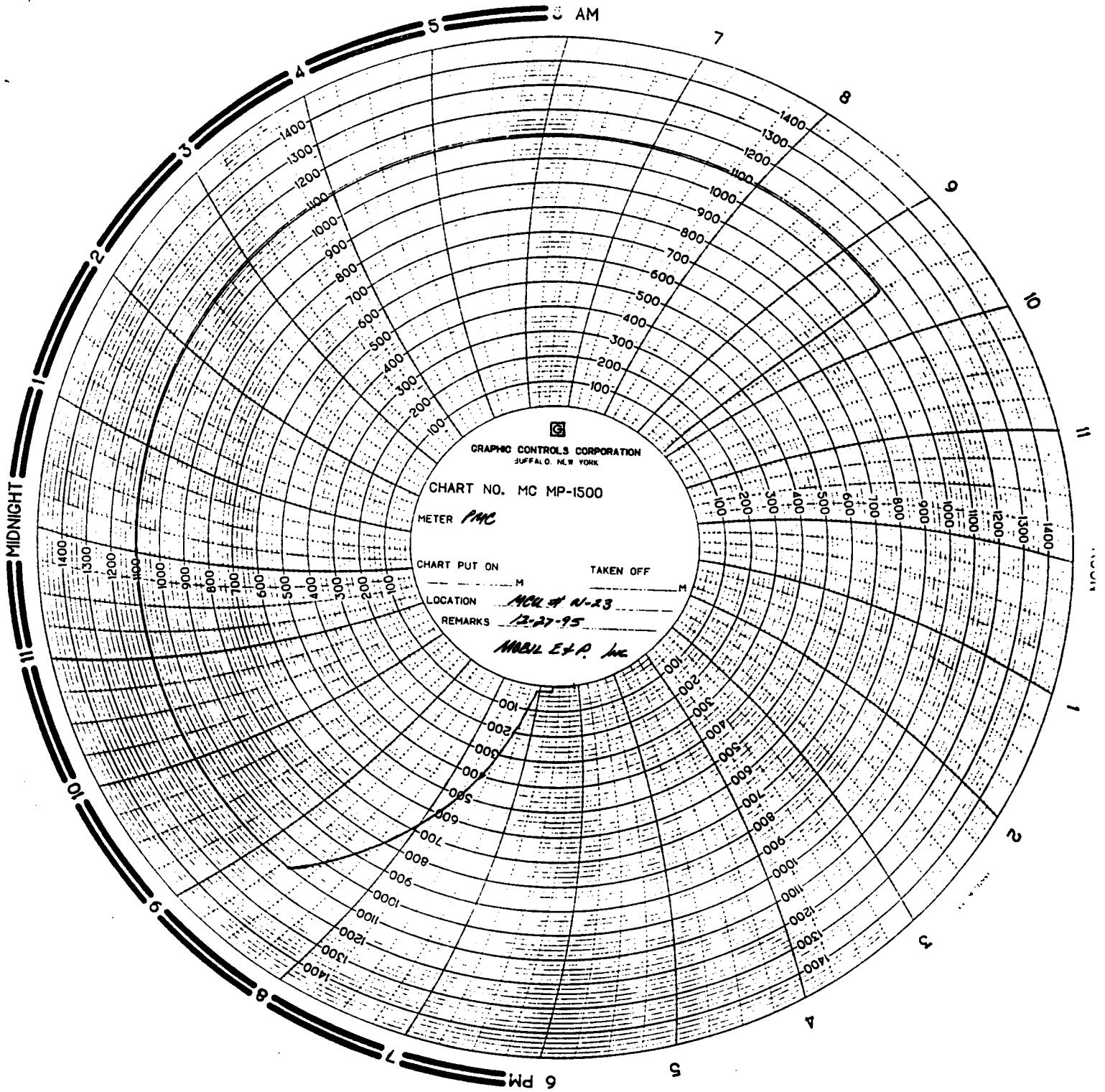
Graham Norton

Date

12-27-95

Inspector

W. L. G. J.



ANNULAR PRESSURE TEST

OPERATOR Mobil E. & P., Inc. STATE PERMIT NO. _____
 ADDRESS P.O. Box Drawer G EPA PERMIT NO. _____
Cortez, CO 81321 DATE OF TEST 12.27.95
 WELL NAME MOU # N-23 TYPE Water Injection
 LOCATION _____ QUARTER OF THE _____ QUARTER OF THE _____ QUARTER.
 SECTION 17 TOWNSHIP T41S RANGE R25E
 TOWNSHIP NAME Aneth COUNTY NAME San Juan
 COMPANY REPRESENTATIVE CALVIN NORTON FIELD INSPECTOR Melvin Capitan Jr.
 TYPE PRESSURE GAUGE PMC INCH FACE, _____ PSI FULL SCALE, _____ PSI INCREMENTS
 NEW GAUGE YES ☐ NO ☒ IF NO, DATE OF TEST CALIBRATION 7-12-75
 CALIBRATION CERTIFICATION SUBMITTED: YES ☐ NO ☐

RESULTS:

TIME	PRESSURE (PSIG)		CASING
	ANNULUS	TUBING	
<u>11:40</u>	<u>1100</u>	<u>0</u>	TUBING _____
<u>11:45</u>	<u>1095</u>	<u>0</u>	PACKER _____
<u>11:50</u>	<u>1095</u>	<u>0</u>	PACKER @ _____
<u>12:00</u>	<u>1090</u>	<u>0</u>	
<u>12:10</u>	<u>1090</u>	<u>0</u>	FLUID RETURN @ _____

COMMENTS: Braden Head;
 LOW PRESSURE WATER BLEW
 OUT FOR FEW SECONDS.

TEST PRESSURE: _____
 MAX. ALLOWABLE PRESSURE CHANGE: TEST PRESSURE X 05 _____ PSI
 HALF HOUR PRESSURE CHANGE _____ PSI

TEST PASSED ☒ TEST FAILED ☐ (CHECK ONE)
 IF FAILED, NO INJECTION MAY OCCUR UNTIL CORRECTIONS HAVE BEEN MADE AND WELL PASSES.

SIGNATURE OF COMPANY REPRESENTATIVE

SIGNATURE OF INSPECTOR

DATE

DATE

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.

Use "APPLICATION FOR PERMIT - " for such proposals

SUBMIT IN TRIPLICATE

1. Type of Well

☐ Oil Well

☐ Gas Well

☒ Other

INJECTOR

2. Name of Operator

Mobil Exploration & Producing U.S. Inc.
as Agent for Mobil Producing TX & NM Inc.

3. Address and Telephone No.

P.O. Box 633, Midland, TX 79702

915-688-2585

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

SEC. 17, T41S, R24E
2140' FSL, 660' FWL

FORM APPROVED

Budget Bureau No. 1004-0135

Expires: March 31, 1993

5. Lease Designation and Serial No.

14-20-603-263

6. If Indian, Allottee or Tribe Name

NAVAJO TRIBAL

7. If Unit or CA, Agreement Designation

MCELMO CREEK UNIT

8. Well Name and No.

MCELMO CREEK N-23

9. API Well No.

43-037-16364

10. Field and Pool, or exploratory Area

GREATER ANETH

11. County or Parish, State

SAN JUAN UT

12. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

☒

Notice of Intent

☐

Subsequent Report

☐

Final Abandonment Notice

TYPE OF ACTION

☐

Abandonment

☐

Recompletion

☐

Plugging Back

☒

Casing Repair

☐

Altering Casing

☐

Other

☐

Change of Plans

☐

New Construction

☐

Non-Routine Fracturing

☐

Water Shut-Off

☐

Conversion to Injection

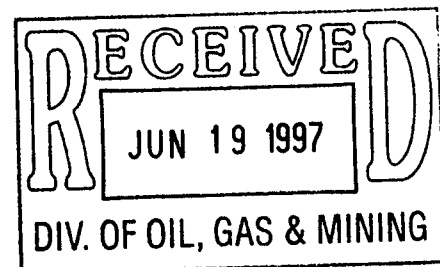
☐

Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

SEE ATTACHMENT



14. I hereby certify that the foregoing is true and correct

Signed

Shirley Hutchins

Title

ENV. & REG. TECHNICIAN

Date

6-16-97

(This space for Federal or State office use)

Approved by

Title

Date

Conditions of approval, if any:

MCELMO CREEK UNIT N-23
SUSPECTED TUBING/ON-OFF TOOL LEAK PROCEDURE
OE TOM COCHRANE (970) 564-5210 PAGER (970) 382-5070

1. H&H WIRELINE RUN SL PLUG INTO OOT ABOVE INVERTED LOK-SET PKR. BLEED OFF TUBING AND IF PLUG DOESN'T HOLD, CONTACT OE TOM COCHRANE FOR NEW INSTRUCTIONS.
2. IF OOT PLUG HOLDS, TEST TBG TO 1000# FOR 30 MIN.
3. POH W/TBG. TEST CSG & OOT PLUG TO 1000# FOR 30 MINS. CONTACT FRONTIER FOR ON-RACK INSPECTION OF TBG (WHETHER OR NOT TO RERUN).
4. IF TBG, LEAKED AND CASING & PLUG DIDN'T, GIH W/CMT LINED TUBING AND REDRESSED OOT SKIRT (LARGE ENOUGH FOR 7" CSG TO KEEP CENTERED). STING IN OOT, TEST TBG TO 1000#/30 MIN. IF HOLDS, PUH, CIRC PKR FLUID, GET ON OOT, ND BOP NU WH RDMO.
5. IF CSG LEAKED, ISOLATE LEAK IN CASING. SET RBP ABOVE OOT, DUMP SD.
- 6 IF CAN EIR IN LEAK, SET CMT RET 75' ABOVE LEAK TOP, SQZ W/100 SX G NEAT TO 1500#. IF BLEEDOFF LEAK, SPOT 25 SX ACROSS & ABOVE LEAK, WALK-IN SQUEEZE TO 1500#. RO CMT. LEAVE PRESSURE ON SQUEEZE OVERNIGHT.
6. DO CMT, TEST CSG. IF LEAKS, CONSULT OE (TOM COCHRANE) FOR NEXT SQUEEZE ATTEMPT. IF HOLDS, POH, FISH RBP, RUN INJ EQPT AS PER OE TOM COCHRANE'S INSTRUCTIONS.

6/11/97 TOM COCHRANE

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.

Use "APPLICATION FOR PERMIT - " for such proposals

5. Lease Designation and Serial No.

14-20-603-370

6. If Indian, Allottee or Tribe Name

NAVAJO TRIBAL

7. If Unit or CA, Agreement Designation

MCELMO CREEK UNIT

8. Well Name and No.

MCELMO CREEK N-23

9. API Well No.

037-16364

10. Field and Pool, or exploratory Area

GREATER ANETH

11. County or Parish, State

SAN JUAN UT

SUBMIT IN TRIPLICATE

1. Type of Well

☐ Oil Well

☐ Gas Well

☒ Other

INJECTOR

2. Name of Operator MOBIL PRODUCING TX & NM INC.*

*MOBIL EXPLORATION & PRODUCING US INC. AS AGENT FOR MPTM

3. Address and Telephone No.

P.O. Box 633, Midland TX 79702

(915) 688-2585

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

1910' FNL, 2051' FWL

SEC. 13, T41S, R24E

17

25E

12. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

☐

Notice of Intent

☒

Subsequent Report

☐

Final Abandonment Notice

TYPE OF ACTION

☐

Abandonment

☐

Recompletion

☐

Plugging Back

☒

Casing Repair

☐

Altering Casing

☐

Other

☐

Change of Plans

☐

New Construction

☐

Non-Routine Fracturing

☐

Water Shut-Off

☐

Conversion to Injection

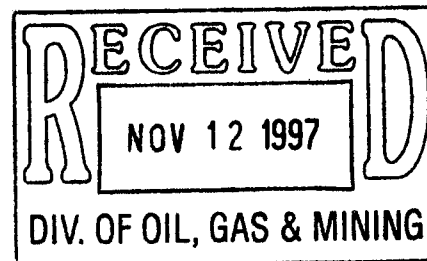
☐

Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

SEE ATTACHMENT



14. I hereby certify that the foregoing is true and correct

Signed

Shirley Houchins

Title

SHIRLEY HOUCHINS, ENV. & REG. TECH

Date

11-11-97

(This space for Federal or State office use)

Approved by

Title

Date

Conditions of approval, if any:

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

* See Instruction on Reverse Side

Tax credit 3/18

**ATTACHMENT 3160-5
MCELMO CREEK UNIT #N-23
#14-20-603-370, NAVAJO TRIBAL
SAN JUAN, UT
API #43-037-16364**

09-23-97 BLM VERBAL APPROVAL 6-16-97, MIRU NAVAJO WEST, RIG #15 PULLING UNIT, RIG UP FLOW LINES TO TEST TANK, FLOW WELL F/3000 PSI TO 2300 PSI, SWIFN.

09-24-97 SITP @ 7:30 WAS 3000 PSI. RIG UP SLICK LINE UT., RIH W/TBG, PLUG RUN SLICK LINE TO 5124', SET PLUG POH RIG DOWN, RI&RU WIRELINE UT., RIH TO 5099' W/PERF GUN, SHOT 4- .25" HOLES THROUGH CMT. LINED TBG @ 5099', POH, RDMO WIRELINE UT, MIRU DOWELL PUMP TRUCK. ESTABLISH CIRC. THROUGH TBG PERFS. SWIFN.

09-25-97 SITP @ 7:30 WAS 3000 PSI. RU DOWELL PUMP TRUCK. KILL WELL, POOH W/CMT LINED TBG TO 4000', SIFN.

09-26-97 SITP @ 7:30 WAS 0 PSI. FINISH OUT OF HOLE W/CMT LINED TBG. PICK-UP 7" ARROW BRIDGE PLUG & PKR. RIH TO 5050' SET BRIDGE PLUG @ 5050'. POH W/PRK TO 5030'. SET PKR & TEST TO 400 PSI W/17.6 PPG KILL FLUID. OK. DISPLACE CSG. SWIFN.

09-27-97 SITP @ 7:30 WAS 0 PSI. SET PKR @ 5030' & TEST DOWN TBG TO 1000 PSI. OK. TEST ANN TO 1000 PSI. LEAKED F/2260-2292'. DUMPED 3 SXS OF SAND ON BRIDGE PLUG, SWIFN & SUNDAY.

09-30-97 SICP @ 7:30 WAS 0 PSI. RIH W 2 7/8" TBG OPEN END TO 2444', MIRU HALLIBURTON CMT. UT. SPOT 85 SXS OF CLASS 'G' CMT TO 2025'. POH W/TBG TO 1925' SQUEEZE 4.5 BBLS OF CMT INTO CSG LEAK. POH, SWIFN.

10-01-97 SICP @ 7:30 WAS 1100 PSI, RIG UP POWER SWIVEL. DRLG OUT CMT F/2130-2306' RU & TEST CSG TO 1000 PSI. 30 MIN. OK. DRLG OUT CMT F/2306-2473' CIRC. HOLE CLEAN. RIG DOWN POWER SWIVEL POH & LAY DOWN EXCESS TBG TO 2130'. SWI & TEST CSG TO 1000 PSI. 30 MIN. OK.

10-02-97 SITP @ 7:30 WAS 0 PSI. RU TO CHART TEST SQUEEZE TO 1080 PSI. 30 MIN. OK. POH W/2 7/8" TBG. LAY DOWN DRLG COLLARS & BHA. RIH W/RETV HEAD TO 5050'. DISPLACE HOLE, POH LAY DOWN TBG.

10-03-97 SITP @ 7:30 WAS 0 PSI. RU & RIH W/ATR STACK SEAL UT. RUN ON 161 JTS OF CMT LINED TBG. TO 5131.67'. MAKE UP TBG HANGER & SET IN WH. NIPPLE DOWN BOPE, NIPPLE UP PROD. TREE. DISPLACE HOLE W/PRK FLUID. TEST TO 1000 PSI. OK.

10-04-97 RDMO NAVAJO WEST RIG #15, RIG UP SLICK LINE UT. RIH W/OVER SHOT FOR TBG. PLUG TO 5100'. COULD NOT CATCH TBG PLUG. POH RIH W/BAILER & CLEAN OUT FILL. BAILER WOULD NOT SHEAR, RUN IMPRESSION BLK. POOH. SIFN & SUNDAY.

10-06-97 MIRU DOWELL CTU, SITP @ 0 PSI. TIH W/ C/T WASH F/5110-5123' SAND & CMT CUTTINGS RU H&H SLICKLINE TAG @ 5118', TOH W S/L TIH W/ C/T WASH 5121-5123', PUMP 10 BBLS 100 VIS S/C GEL SWEEP TO CLEAN HOLE, TOH W C/T. TIH W/ S/L PUNCH DISC RETRIVE PLUG. RIG DOWN DOWELL, WELL READY FOR PRODUCTION HOOK UP.

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-0135
Expires November 30, 2000

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.

SUBMIT IN TRIPLICATE - Other instructions on reverse side

1. Type of Well
☐ Oil Well ☐ Gas Well ☒ Other **INJECTOR**

2. Name of Operator **MOBIL PRODUCING TX & NM INC.***
***MOBIL EXPLORATION & PRODUCING US INC. AS AGENT FOR MPTM**

3a. Address **P.O. Box 633, Midland TX 79702**

3b. Phone No. (include area code) **(915) 688-2585**

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
NW/SW SEC. 17, T41S, R25E
2140' FSL & 660' FWL

5. Lease Serial No.
14-20-603-263

6. If Indian, Allottee or Tribe Name
NAVAJO TRIBAL

7. If Unit or CA/Agreement, Name and/or No.
MCELMO CREEK UNIT

8. Well Name and No.
N-23

9. API Well No.
MCELMO CREEK
43-037-16364

10. Field and Pool, or Exploratory Area
GREATER ANETH

11. County or Parish, State
SAN JUAN UT

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize <input type="checkbox"/> Deepen <input type="checkbox"/> Production (Start/Resume) <input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing <input type="checkbox"/> Fracture Treat <input type="checkbox"/> Reclamation <input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair <input type="checkbox"/> New Construction <input type="checkbox"/> Recomplete <input checked="" type="checkbox"/> Other ANNULAR
	<input type="checkbox"/> Change Plans <input type="checkbox"/> Plug and Abandon <input type="checkbox"/> Temporarily Abandon PRESSURE
	<input type="checkbox"/> Convert to Injection <input type="checkbox"/> Plug Back <input type="checkbox"/> Water Disposal

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the final site is ready for final inspection.)

SEE ATTACHED PROCEDURE.

COPY SENT TO OPERATOR
Date: 11-17-99
Initials: CHD

Accepted by the
Utah Division of
Oil, Gas and Mining
FOR RECORD ONLY

RECEIVED
NOV 15 1999
DIV. OF OIL, GAS & MINING

14. I hereby certify that the foregoing is true and correct

Name (Printed/Typed) **SHIRLEY HOCHINS** Title **ENVIRONMENTAL & REGULATORY TECHNICIAN**

Shirley Hochins Date **11-10-99**

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by _____ Title **Federal Approval of this Action is Necessary**

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon. Office _____

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on reverse)

McElmo Creek Unit #N-23
Repair Annular Pressure

Workover Procedure

1. Tubing in the hole is 2-7/8" KCTS CL. Packer is an 7" Guiberson Uni-X seal bore packer w/a 7" x 2-7/8" x 1.875" "F" on/off tool. Establish KWM, set plug in on/off tool 1.875" "F" profile and test tubing prior to MIRU. If tubing leaks, leave this plug in place. If not, set plug in 1.78" "R" profile at +/-5131' to test the seals. If seals do not test, leave this plug in place. Monitor annulus while testing tubing. From 1995, there is an inverted LokSet on bottom with CIBP junk on top.

IF TUBING DOES NOT TEST

2. MIRU DDP. ND wellhead/NU BOP's and test using chart. Release from on/off tool and circulate kill fluid to ensure well is dead. Seal assembly landed w/23K compression. POH w/injection string as follows. Redress/Replace on/off tool overshot.

1 jt	-	2-7/8" KCTS CL landing joint
	-	10', 8', 6', 2' x 2-7/8" KCTS CL tubing subs
160 jt	-	2-7/8" KCTS CL tubing
	-	2-7/8" KCTS XO
	-	7" x 2-7/8" XL on/off tool overshot @ 5062'

Left in hole

-	2-7/8" x 1.875" "F" XL on/off tool seal nipple
-	3.50" Latch seal nipple
-	1' x 2-7/8" ATR stack seal unit
-	2' x 2-7/8" 10rd spacer tube
-	1' x 3-1/2" ATR stack seal unit
-	1' x 3-1/2" ATR stack seal unit
-	1' x 3-1/2" ATR stack seal unit
-	.50' x 3-1/2" Mule shoe
-	Guiberson 7" x 3-1/2", 17-20# Uni-X seal bore packer @ 5106', Ni plate, PC
-	4.6' x 4-1/2" Seal bore extension, 316SS
-	4-1/2" x 2-3/8" XO, 316SS
-	6' x 2-3/8" tubing sub, 316SS
-	.8' x 2-3/8" x 1.81" "F" profile nipple, 316SS
-	6' x 2-3/8" tubing sub, 316SS
-	.8' x 2-3/8" x 1.78" "R" profile nipple, 316SS

- .6' x 2-3/8" WL reentry guide, 316SS

3. RU Campbell Testers to hydrotest tubing while running in the hole. Test to 3500 psi. LD any bad joints. Notify engineer if more than 14 joints fail.
4. RIH w/2-7/8", 6.5#, J55, 8rd KCTS CL injection tubing, testing to 3500 psi as follows:
 - 7" x 2-7/8" FL on/off tool overshot
 - 2-7/8" KCTS XO
 - +/-160 jt - 2-7/8" KCTS CL tubing
 - 2-7/8" KCTS CL tubing subs as needed to space out
 - 1 jt - 2-7/8" KCTS CL landing jt
5. Latch onto on/off at 5062'. Test annulus to 1000 psi. Release from on/off. Circulate packer fluid. Latch back onto on/off tool.
6. ND BOP's/NU wellhead. Space out as needed. Retrieve slickline plug.
7. If there is no leak off, RDMO.
8. *Call Navajo EPA 72 hours prior to conducting MIT. They should be on location to witness MIT. If it is not possible to give 72 hours notice, test well prior to RDMO and inform Production of need to schedule MIT w/Regulatory agencies. Remember that the clock starts from the time they receive notice, not from the time you talk to the answering machine. Document the occurrence and results of all conversations in morning reports. Run MIT test and chart. Send original to Sue Moseley and keep copy for records*

IF TUBING TESTS/SEALS DO NOT TEST

9. MIRU DDP. ND wellhead/NU BOP's and test using chart. Release from on/off tool and circulate kill fluid to ensure well is dead. Latch onto on/off tool. Seal assembly landed w/23K compression. Seal assembly requires 1-2K pickup and 6-8 rounds to the right to

release. POH w/injection string and seal assembly as follows.
Redress/Replace seals and on/off tool.

- 1 jt - 2-7/8" KCTS CL landing joint
- 10', 8', 6', 2' x 2-7/8" KCTS CL tubing subs
- 160 jt - 2-7/8" KCTS CL tubing
- 2-7/8" KCTS XO
- 7" x 2-7/8" XL on/off tool overshot @ 5062'
- 2-7/8" x 1.875" "F" XL on/off tool seal nipple
- 3.50" Latch seal nipple
- 1' x 2-7/8" ATR stack seal unit
- 2' x 2-7/8" 10rd spacer tube
- 1' x 3-1/2" ATR stack seal unit
- 1' x 3-1/2" ATR stack seal unit
- 1' x 3-1/2" ATR stack seal unit
- .50' x 3-1/2" Mule shoe

Left in hole

- Guiberson 7" x 3-1/2", 17-20# Uni-X seal bore packer @ 5106', Ni plate, PC
- 4.6' x 4-1/2" Seal bore extension, 316SS
- 4-1/2" x 2-3/8" XO, 316SS
- 6' x 2-3/8" tubing sub, 316SS
- .8' x 2-3/8" x 1.81" "F" profile nipple, 316SS
- 6' x 2-3/8" tubing sub, 316SS
- .8' x 2-3/8" x 1.78" "R" profile nipple, 316SS
- .6' x 2-3/8" WL reentry guide, 316SS

10. RIH w/7" RBP and packer. Set RBP at +/-5100' and test. Test casing to 1000 psi. If casing holds above RBP, Uni-X packer is probably leaking. Continue to step 21.
11. If casing leaks, move packer up hole to 4000' and test interval between packer and RBP along with the annulus. Continue until leak is isolated. Leaks have previously been squeezed at 2250'-2308', 2345'-2361' and 2444'. Obtain injection rate into the leak and make plans to squeeze the leak. Continue to step 13.
12. If casing and packer hold, POH w/RBP. RU Campbell Testers to hydrotest CL tbg while RIH. Continue to step 17.

Casing Leak Repair

13. POH w/packer and dump 20 ft of sand on top of RBP. MI and rack 2-7/8" WS.
14. RIH w/retainer and set +/-50 ft above leak. Use "G" Neat for squeeze job, however, if the injection rate is below ¼ bpm, a micro-cement slurry should be used instead. Confer with engineer on volumes before job.
15. RIH w/6-1/4" bit on 2-7/8" WS to drill out squeeze. Circulate hole clean. Test squeeze to 1000 psi. Resqueeze if necessary. Circulate sand off RBP. POH w/bit.
16. RIH w/RBP retrieving tool on 2-7/8" WS. Retrieve RBP. Circulate hole clean. POH, LD 2-7/8" WS.

Running New Seal Assembly

17. PU redressed seal assembly with on/off tool. Hydrotest tubing going in hole. Test to 3500 psi. RIH w/injection equipment as follows:
 - .50' x 3-1/2" Mule shoe
 - 1' x 3-1/2" ATR stack seal unit
 - 1' x 3-1/2" ATR stack seal unit
 - 1' x 3-1/2" ATR stack seal unit
 - 2' x 2-7/8" 10rd spacer tube
 - 1' x 2-7/8" ATR stack seal unit
 - 3.50" Latch seal nipple
 - 2-7/8" x 1.875" "F" XL on/off tool seal nipple
 - 7" x 2-7/8" XL on/off tool overshot @ 5062'
 - 2-7/8" KCTS XO
 - 160 jt - 2-7/8" KCTS CL tubing
 - 2-7/8" KCTS CL tubing subs as needed to space out
 - 1 jt - 2-7/8" KCTS CL landing joint
18. Land seal assembly in packer @ +/-5106'. Test annulus to 1000 psi. Release from on/off tool. Circulate packer fluid. Latch back onto on/off tool. ND BOP's/NU WH. Space out as needed. Retrieve slickline plug.
19. If there is no leak off, RDMO.

20. **Call Navajo EPA 72 hours prior to conducting MIT. They should be on location to witness MIT. If it is not possible to give 72 hours notice, test well prior to RDMO and inform Production of need to schedule MIT w/Regulatory agencies. Remember that the clock starts from the time they receive notice, not from the time you talk to the answering machine. Document the occurrence and results of all conversations in morning reports. Run MIT test and chart. Send original to Sue Moseley and keep copy for records.**

Retrieving/Rerunning Uni-X Packer

21. **POH w/RBP. Pick up Uni-X retrieving tool. Retrieve slickline plug. POH w/Uni-X packer and BHA as follows:**

- **Guiberson 7" x 3-1/2", 17-20# Uni-X seal bore packer @ 5106', Ni plate, PC**
- **4.6' x 4-1/2" Seal bore extension, 316SS**
- **4-1/2" x 2-3/8" XO, 316SS**
- **6' x 2-3/8" tubing sub, 316SS**
- **.8' x 2-3/8" x 1.81" "F" profile nipple, 316SS**
- **6' x 2-3/8" tubing sub, 316SS**
- **.8' x 2-3/8" x 1.78" "R" profile nipple, 316SS**
- **.6' x 2-3/8" WL reentry guide w/pump out plug, 316SS**

22. **Redress Uni-X packer. RIH w/packer, above BHA and setting tool. Set packer @ +/-5100'. POH w/retrieving tool.**

23. **PU redressed seal assembly with on/off tool. RU Campbell Testers to hydrotest tubing going in hole. Test to 3500 psi. RIH w/injection equipment as follows:**

- **.50' x 3-1/2" Mule shoe**
- **1' x 3-1/2" ATR stack seal unit**
- **1' x 3-1/2" ATR stack seal unit**
- **1' x 3-1/2" ATR stack seal unit**
- **2' x 2-7/8" 10rd spacer tube**
- **1' x 2-7/8" ATR stack seal unit**
- **3.50" Latch seal nipple**
- **2-7/8" x 1.875" "F" XL on/off tool seal nipple**
- **7" x 2-7/8" XL on/off tool overshot @ 5062'**
- **2-7/8" KCTS XO**

- 160 jt - 2-7/8" KCTS CL tubing
 - 2-7/8" KCTS CL tubing subs as needed to space out
 - 1 jt - 2-7/8" KCTS CL landing joint
24. Land seal assembly in packer @ +/-5100'. Test annulus to 1000 psi. Release from on/off tool. Circulate packer fluid. Latch back onto on/off tool. ND BOP's/NU WH. Space out as needed. Pump out plug.
25. If there is no leak off, RDMO.
26. *Call Navajo EPA 72 hours prior to conducting MIT. They should be on location to witness MIT. If it is not possible to give 72 hours notice, test well prior to RDMO and inform Production of need to schedule MIT w/Regulatory agencies. Remember that the clock starts from the time they receive notice, not from the time you talk to the answering machine. Document the occurrence and results of all conversations in morning reports. Run MIT test and chart. Send original to Sue Moseley and keep copy for records.*

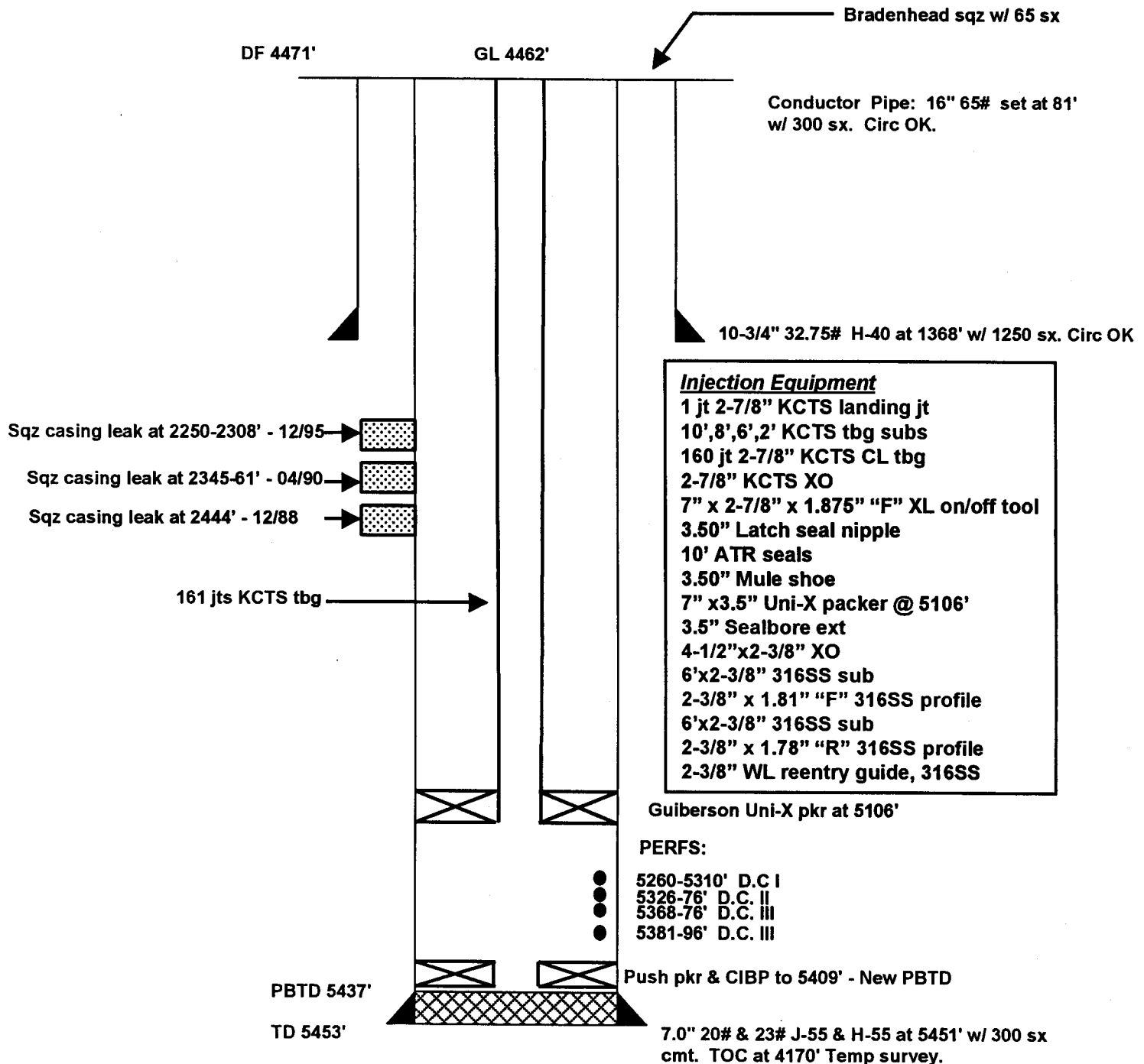
Temporarily Abandoning well

27. To TA well, POH w/RBP. Pick up Uni-X retrieving tool. Retrieve slickline plug. POH, LD Uni-X packer and BHA as follows:
- Guiberson 7" x 3-1/2", 17-20# Uni-X seal bore packer @ 5106', Ni plate, PC
 - 4.6' x 4-1/2" Seal bore extension, 316SS
 - 4-1/2" x 2-3/8" XO, 316SS
 - 6' x 2-3/8" tubing sub, 316SS
 - .8' x 2-3/8" x 1.81" "F" profile nipple, 316SS
 - 6' x 2-3/8" tubing sub, 316SS
 - .8' x 2-3/8" x 1.78" "R" profile nipple, 316SS
 - .6' x 2-3/8" WL reentry guide w/pump out plug, 316SS
28. RIH w/CIBP and set 50 ft above top of leak. Dump bail 1 sx of cement on top of CIBP. Lay down all equipment. Run MIT test and chart.

29. RDMO.

McELMO CREEK UNIT #N-23
GREATER ANETH FIELD
2140' FSL & 660' FWL
SEC 17-T41S-R25E
SAN JUAN COUNTY, UTAH
API 43-037-16364
PRISM 0000335

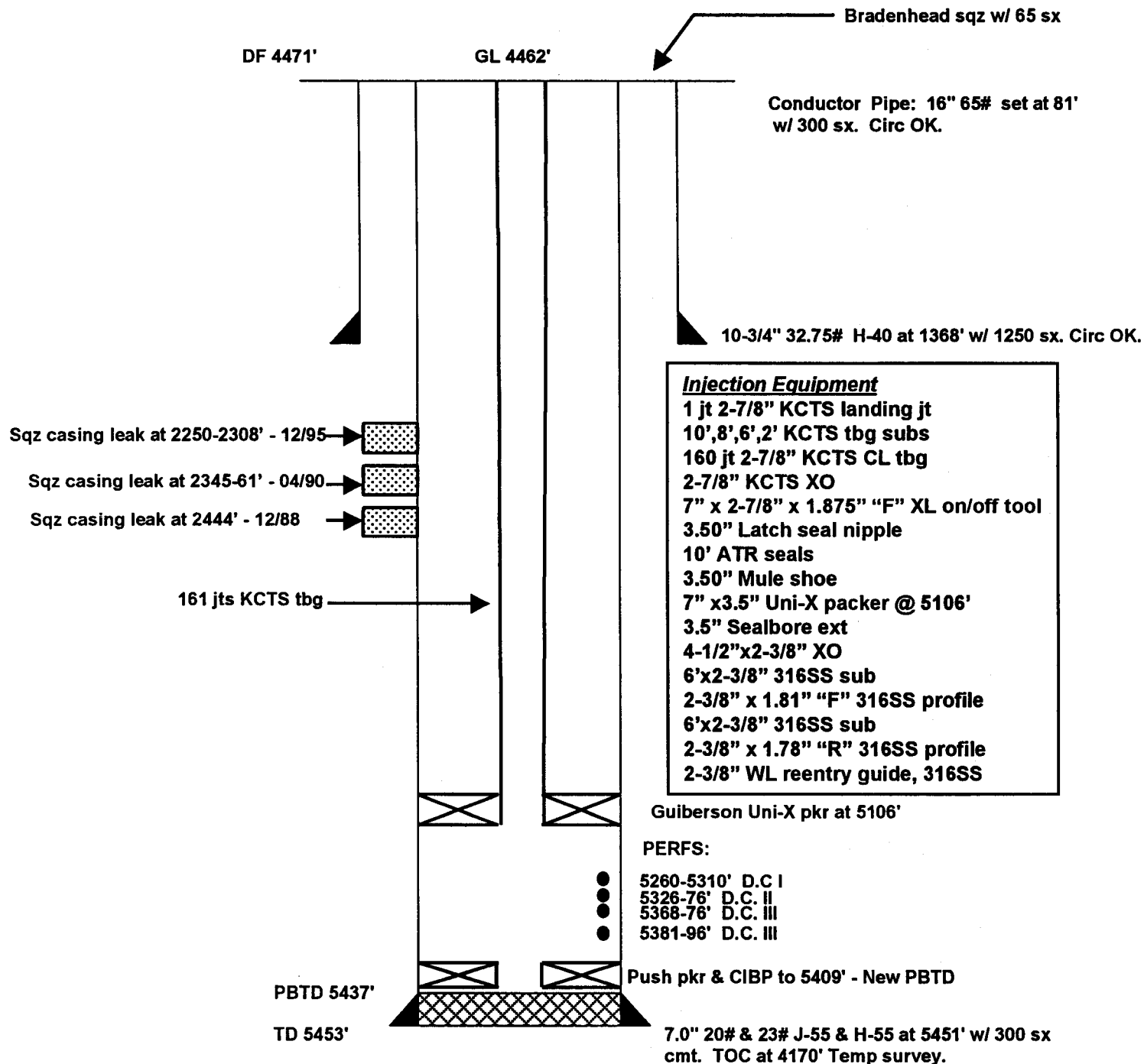
INJECTOR
CURRENT



L. A. TUCKER 8/21/97

McELMO CREEK UNIT #N-23
 GREATER ANETH FIELD
 2140' FSL & 660' FWL
 SEC 17-T41S-R25E
 SAN JUAN COUNTY, UTAH
 API 43-037-16364
 PRISM 0000335

INJECTOR
 PROPOSED



L. A. TUCKER 8/21/97

ExxonMobil Production Corp y
U.S. West
P.O. Box 4358
Houston, Texas 77210-4358

ExxonMobil
Production

May 26, 2000

Request for Extension to Repair Injectors
McElmo Creek Unit #N-23
API #43-037-16364
San Juan County, Utah
Sec. 17, 415 25E

Mr. Jim Walker
United States Environmental Protection Agency
1235 LaPlata Hwy.
Farmington, New Mexico 87401

Dear Mr. Walker:

Exxon Mobil respectfully requests a 60-day extension to resolve mechanical integrity issues with McElmo Creek Unit #N-23. This additional time is needed to make an evaluation to determine whether to repair and retest, or to plug and abandon the well.

If you need further information, please call me at 713-431-1197, or send an e-mail to ellen.m.carroll@exxon.com.

Ellen M. Carroll

Ellen M. Carroll
Senior Staff Office Assistant
Exxon Mobil Corporation, a division of Exxon Mobil Corporation
on behalf Mobil Producing Tx. & N.M. Inc.

xc: George Robin, U.S. Region IX E.P.A.
Charmaine Hosteen, Navajo Nation E.P.A.
Steve Mason, Bureau of Land Management, Farmington, NM
State of Utah, Division of Oil, Gas, & Mining

RECEIVED

MAY 31 2000

DIVISION OF
OIL, GAS AND MINING

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB No. 1004-0135
Expires: July 31, 1996

SUNDRY NOTICES AND REPORTS ON WELLS
*Do not use this form for proposals to drill or to re-enter an
abandoned well. Use Form 3160-3 (APD) for such proposals.*

SUBMIT IN TRIPLICATE - Other Instructions on reverse side

1. Type of Well
☐ Oil Well ☐ Gas Well ☒ Other **INJECTION WELL**

2. Name of Operator
Mobil Producing TX. & N.M. Inc.

3a. Address **P.O. Box 4358
Houston TX 77210-4358**

3b. Phone No. (include area code)
(713) 431-1197

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

Sec 17 T41S R25E NW/SW 2140' FSL & 660' FWL

5. Lease Serial No.
14-20-603-263

6. If Indian, Allottee or Tribe Name
NAVAJO TRIBAL

7. If Unit or CA/Agreement, Name and/or No.
MCELMO CREEK UNIT

8. Well Name and No.
McElmo Creek Unit N-23

9. API Well No.
43-037-16364

10. Field and Pool, or Exploratory Area
GREATER ANETH

11. County or Parish, State
SAN JUAN UT

12. CHECK APPROPRIATE BOX(es) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input type="checkbox"/> Other _____
	<input type="checkbox"/> Change Plans	<input checked="" type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

Plug and abandon procedures are attached.

**This well failed an MIT on 4/12/00. We have a regulatory deadline of July 26, 2000 to plug this well.
An extension on this deadline is pending due to working interest owner approval requirements.**

**Accepted by the
Utah Division of
Oil, Gas and Mining
FOR RECORD ONLY**

RECEIVED
JUL 27 2000
BUREAU OF LAND MANAGEMENT
C/O, C/O, C/O, C/O, C/O

14. I hereby certify that the foregoing is true and correct
Name (Printed/Typed)

Ellen M. Carroll

Signature

Ellen M. Carroll

Title

Sr. Staff Office Assistant

Date

07/24/2000

**ExxonMobil Production Company,
A Division of Exxon Mobil Corporation,
acting for Mobil Producing
Texas & New Mexico Inc.**

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

Title

Date

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on Reverse)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB No. 1004-0135
Expires: July 31, 1996

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Sec 17 T41S R25E NW/SW 2140' FSL & 660' FWL

5. Lease Serial No.

14-20-603-263

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NAVAJO TRIBAL

7. If Unit or CA/Agreement, Name and/or No.

MCELMO CREEK UNIT

8. Well Name and No.

McElmo Creek Unit N-23

9. API Well No.

43-037-16364

10. Field and Pool, or Exploratory Area

GREATER ANETH

11. County or Parish, State

SAN JUAN UT

12. CHECK APPROPRIATE BOX(es) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input type="checkbox"/> Other _____
	<input type="checkbox"/> Change Plans	<input checked="" type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	_____
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	_____

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An extension on this deadline is pending due to working interest owner approval requirements.**

14. I hereby certify that the foregoing is true and correct
Name (Printed/Typed)

Ellen M. Carroll

Signature

Ellen M. Carroll

Title

Sr. Staff Office Assistant

**ExxonMobil Production Company,
A division of Exxon Mobil Corporation,
acting for Mobil Producing
Texas & New Mexico Inc.**

Date

07/24/2000

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

Title

Date

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Office

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(Instructions on Reverse)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB No. 1004-0135
Expires November 30, 2000

SUNDRY NOTICES AND REPORTS ON WELLS
Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.

SUBMIT IN TRIPLICATE - Other instructions on reverse side

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☐ Oil Well ☐ Gas Well ☒ Other Injection Well

2. Name of Operator

Mobil Producing TX. & NM, Inc.

3a. Address

P.O. Box 4358
Houston, TX 77210-4358

3b. Phone No. (include area code)

713-431-1828

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

Sec. 17 T41S R25E NW/4 SW 2140' FSL & 660' FWL

5. Lease Serial No.

14-20-603-263

6. If Indian, Allottee or Tribe Name

Navajo Tribal

7. If Unit or CA/Agreement, Name and/or No.

McElmo Creek Unit

8. Well Name and No.

McElmo Creek Unit N-23

9. API Well No.

43-037-16364

10. Field and Pool, or Exploratory Area

Greater Aneth

11. County or Parish, State

San Juan UT

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

- ☐ Notice of Intent
☒ Subsequent Report
☐ Final Abandonment Notice

TYPE OF ACTION

- | | | | |
|---|--|--|---|
| <input type="checkbox"/> Acidize | <input type="checkbox"/> Deepen | <input type="checkbox"/> Production (Start/Resume) | <input type="checkbox"/> Water Shut-Off |
| <input type="checkbox"/> Alter Casing | <input type="checkbox"/> Fracture Treat | <input type="checkbox"/> Reclamation | <input type="checkbox"/> Well Integrity |
| <input type="checkbox"/> Casing Repair | <input type="checkbox"/> New Construction | <input type="checkbox"/> Recomplete | <input type="checkbox"/> Other _____ |
| <input type="checkbox"/> Change Plans | <input checked="" type="checkbox"/> Plug and Abandon | <input type="checkbox"/> Temporarily Abandon | |
| <input type="checkbox"/> Convert to Injection | <input type="checkbox"/> Plug Back | <input type="checkbox"/> Water Disposal | |

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Attached are the procedures that were done on this well.

**Accepted by the
Utah Division of
Oil, Gas and Mining
FOR RECORD ONLY**

RECEIVED

DEC 14 2000

DIVISION OF
OIL, GAS AND MINING

14. I hereby certify that the foregoing is true and correct

Name (Printed/Typed)

Cathy W. Higginbotham

Title

Staff Administrative Asst.

Signature

Cathy W. Higginbotham

Date

12/13/00

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Title

Date

Office

MCU N-23

8/9/00

MIRU WSU. Spot pump, pit, NDWH, NU and test BOPE. POOH laying down 80 joints of C/L tubing. SIFN

Costs:

Rig	\$2116
MWS	\$1161
BOPE	\$500
Halliburton	\$3750
Whitehorse	\$150
M/I	\$

Total \$7677

8/10/00

Open well and POOH laying down 78 joints of C/L tubing. MU retrieving head and RIH PU workstring (163 joints). Latch onto RBP and POOH. RIH with 163 joints open ended tubing. EOT at 5100'. SDFN

Costs:

Rig	\$2450
MWS	\$958
BOPE	\$500
Pump/Pit	\$600
Workstring	\$1785

Total \$6293
Accumulated \$13970

8/11/00

Opsi on well. RU Schlumberger. Conduct prejob meeting and contractor orientation. Circulate 200 bbls of freshwater to clean up the hole. Pressure test casing to 500 psi. Bled down to 435 in 20 minutes. OK'd by Joe Ruybalid with the BLM to balance the plugs without tagging. Mix and pump 50 sacks of 15.6 ppg class B cement. TOC at ~4840'. POOH laying down to 4287'. Mix and pump 50 sacks of 15.6 ppg class B cement. TOC at ~4027'. POOH laying down to 2539'. Mix and pump 200 sacks of class B 15.6 ppg cement. TOC at ~1498'. POOH standing back 42 joints and finish laying down tubing. MIRU W/L unit and RIH. Got on depth and pressured up the well to 500 psi. Shot from 1468' - 1472' with 4 spf.. Could not establish circulation. POOH, reload and RIH. Shoot again from 1366-1372'. NOTE: could not get perf guns below 1368'. We believe that there is heavier casing on top which would bring our estimated cement tops up substantially causing us to stack out on the third cement plug. Still could not establish circulation. POOH and RD wireline. RIH with tubing from the derrick and SDFN.

Costs:

Rig	\$1951
BOPE	\$ 500
MWS	\$807
Wireline	\$ 5700
Tank rental	\$ 100
Pump & Pit	\$600

Total \$9658
Accumulated \$23628

RECEIVED

DEC 14 2000

DIVISION OF
OIL, GAS AND MINING

8/12/00

Open well. 0 psi everywhere. PU and RIH with 3 joints + 6'. ~1410'. Discussed with Joe Ruybalid w/BLM. Decided to pump 250 sacks of class B to bring TOC to ~100' from surface. RU and begin

pumping. Pumped a "dye" tracer ahead to try to verify our calculated displacements. Dye showed up early which re-enforces the idea that there is heavy pipe on top. Shut down pumping when cement was at surface. POOH laying down tubing. PU an 8" sub and closed the pipe rams and annular preventer. Pumped up to 800 psi. Took .5 bbls. Pressure bled down to ~650 psi in 15 minutes. Bumped back up to 800 psi and closed in the well.

Costs:

Rig	\$
BOPE	\$500
MWS	\$920
Tank rental	\$ 40
Pump & Pit	\$600
Cementers	\$17000

Total	\$20476
Accumulated	\$29131

8/14/00

0 psi on well. PU and RIH. Tag cement top at 130'...witnessed by Wallace Ashley with the Navajo Nation Mineral Department. POOH laying down the tubing. Notified Jim Walker with the EPA and Steve mason with the BLM of the results and our plans. NDBOPE, NUWH. Clean location and RDMOWSU. Will need to find a casing cutter to remove the wellhead. Should be done in 10-14 days.

Costs:

Rig	\$
BOPE	\$1000
MWS	\$500
Tank rental	\$40

Total	\$
Accumulated	\$

NOTE: ALL STEPS OF THIS JOB WERE DISCUSSED WITH AND APPROVED BY JOE RUYBILAD WITH THE BLM AND JIM WALKER WITH THE EPA.

10/31/00

Excavate around wellhead and cut off. Prepare to complete P/A.

MCU N-23 11-02-00

P&A

MIRU Dowell Cement truck, PU RIH w/ 3 jts 1" tbg, (64.5') dug pit, lined and fence, RU lines, pump 5 bbls cement, Class 'G' neat, up to surface, RD lines, POH LD 3 jts 1" tbg, SISD, clean location, weld cap and install marker. Well is P/A'd. This portion of the procedure was witnessed and approved by Wallace Ashley with the Navajo nation Minerals Department. Phone number is 435-651-3211.

Costs

Cementers....	\$3400.00
Gangs.....	\$750.00
Water trucks	\$500.00

RECEIVED

DEC 14 2000

DIVISION OF
OIL, GAS AND MINING

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB No. 1004-0135
Expires November 30, 2000

SUNDRY NOTICES AND REPORTS ON WELLS
Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.

SUBMIT IN TRIPLICATE - Other instructions on reverse side

1. Type of Well

☐ Oil Well ☐ Gas Well ☒ Other Injection Well

2. Name of Operator

Mobil Producing TX. & NM, Inc.

3a. Address

P.O. Box 4358
Houston, TX 77210-4358

3b. Phone No. (include area code)

713-431-1828

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

Sec. 17 T41S R25E NW/4 SW 2140' FSL & 660' FWL

5. Lease Serial No.

14-20-603-263

6. If Indian, Allottee or Tribe Name

Navajo Tribal

7. If Unit or CA/Agreement, Name and/or No.

McElmo Creek Unit

8. Well Name and No.

McElmo Creek Unit N-23

9. API Well No.

43-037-16364

10. Field and Pool, or Exploratory Area

Greater Aneth

11. County or Parish, State

San Juan UT

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

- ☐ Notice of Intent
☒ Subsequent Report
☐ Final Abandonment Notice

TYPE OF ACTION

- | | | | |
|---|--|--|---|
| <input type="checkbox"/> Acidize | <input type="checkbox"/> Deepen | <input type="checkbox"/> Production (Start/Resume) | <input type="checkbox"/> Water Shut-Off |
| <input type="checkbox"/> Alter Casing | <input type="checkbox"/> Fracture Treat | <input type="checkbox"/> Reclamation | <input type="checkbox"/> Well Integrity |
| <input type="checkbox"/> Casing Repair | <input type="checkbox"/> New Construction | <input type="checkbox"/> Recomplete | <input type="checkbox"/> Other _____ |
| <input type="checkbox"/> Change Plans | <input checked="" type="checkbox"/> Plug and Abandon | <input type="checkbox"/> Temporarily Abandon | _____ |
| <input type="checkbox"/> Convert to Injection | <input type="checkbox"/> Plug Back | <input type="checkbox"/> Water Disposal | _____ |

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

Attached are the procedures that were done on this well.

Accepted by the
Utah Division of
Oil, Gas and Mining
FOR RECORD ONLY

RECEIVED

DEC 14 2000

DIVISION OF
OIL, GAS AND MINING

14. I hereby certify that the foregoing is true and correct

Name (Printed/Typed)

Cathy W. Higginbotham

Title Staff Administrative Asst.

Signature Cathy W. Higginbotham

Date 12/13/00

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

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Date

Office

MCU N-23

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DIVISION OF
OIL, GAS AND MINING

8/12/00

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Costs:

Rig	\$
BOPE	\$1000
MWS	\$500
Tank rental	\$40

Total	\$
Accumulated	\$

NOTE: ALL STEPS OF THIS JOB WERE DISCUSSED WITH AND APPROVED BY JOE RUYBILAD WITH THE BLM AND JIM WALKER WITH THE EPA.

10/31/00

Excavate around wellhead and cut off. Prepare to complete P/A.

MCU N-23 11-02-00

P&A

MIRU Dowell Cement truck, PU RIH w/ 3 jts 1" tbg, (64.5') dug pit, lined and fence, RU lines, pump 5 bbls cement, Class 'G' neat, up to surface, RD lines, POH LD 3 jts 1" tbg, SISD, clean location, weld cap and install marker. Well is P/A'd. This portion of the procedure was witnessed and approved by Wallace Ashley with the Navajo nation Minerals Department. Phone number is 435-651-3211.

Costs

Cementers....	\$3400.00
Gangs.....	\$750.00
Water trucks	\$500.00

RECEIVED

DEC 14 2000

DIVISION OF
OIL, GAS AND MINING

ExxonMobil Production Corp.
U.S. West
P.O. Box 4358
Houston, Texas 77210-4358

June 27, 2001

ExxonMobil
Production

Mr. Jim Thompson
State of Utah, Division of Oil, Gas and Mining
1549 West North Temple
Suite 1210
Salt Lake City, UT 84114-5801

Change of Name – Mobil Oil Corporation to
ExxonMobil Oil Corporation

Dear Mr. Thompson

Effective June 1, 2001, Mobil Oil Corporation (MOC) changed its name to ExxonMobil Oil Corporation (EMOC). This was a name change only; EMOC is the same corporation as Mobil Oil Corporation, but with a new name. No facility or other asset was transferred from one corporation to another by virtue of the name change. Specifically, EMOC will remain the owner and operator of its existing exploration and production oil and gas properties and facilities, as well as relevant permits.

There is no change to the name of Exxon Mobil Corporation, the ultimate shareholder of EMOC.

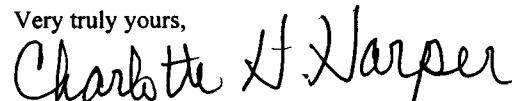
Please note the change of name of MOC to ExxonMobil Oil Corporation in your records pertaining to any MOC permits.

The Federal Identification Number for MOC (13-5401570) will remain the same for EMOC.

A copy of the Certification, Bond Rider and a list of wells are attached.

If you have any questions please feel free to call Joel Talavera at 713-431-1010

Very truly yours,



Charlotte H. Harper
Permitting Supervisor

ExxonMobil Production Company
a division of Exxon Mobil Corporation,
acting for ExxonMobil Oil Corporation

RECEIVED

JUN 29 2001

STATE OF
UTAH
DIVISION OF
OIL, GAS AND MINING

1. GLH
2. CDW
3. FILE

Designation of Agent

Merger

FROM: (Old Operator):	TO: (New Operator):
MOBIL EXPLORATION & PRODUCTION	EXXONMOBIL OIL CORPORATION
Address: P O BOX DRAWER "G"	Address: U S WEST P O BOX 4358
CORTEZ, CO 81321	HOUSTON, TX 77210-4358
Phone: 1-(970)-564-5212	Phone: 1-(713)-431-1010
Account No. N7370	Account No. N1855

CA No. **Unit:** **MCELMO CREEK**

[illegible]

Enter date after each listed item is completed

1. (R649-8-10) Sundry or legal documentation was received from the **FORMER** operator on: 06/29/2001
2. (R649-8-10) Sundry or legal documentation was received from the **NEW** operator on: 06/29/2001
3. The new company has been checked through the **Department of Commerce, Division of Corporations Database** on: 04/09/2002
4. Is the new operator registered in the State of Utah: YES Business Number: 579865-0143
5. If **NO**, the operator was contacted contacted on: N/A

6. **Federal and Indian Lease Wells:** The BLM and or the BIA has approved the merger, name change, or operator change for all wells listed on Federal or Indian leases on: BIA-06/01/01

7. **Federal and Indian Units:**

The BLM or BIA has approved the successor of unit operator for wells listed on: 06/01/2001

8. **Federal and Indian Communization Agreements ("CA"):**

The BLM or BIA has approved the operator for all wells listed within a CA on: N/A

9. **Underground Injection Control ("UIC")** The Division has approved UIC Form 5, **Transfer of Authority to Inject**, for the enhanced/secondary recovery unit/project for the water disposal well(s) listed on: 04/16/2002

NOTE: EPA ISSUES UIC PERMITS

DATA ENTRY:

1. Changes entered in the **Oil and Gas Database** on: 04/16/2002
2. Changes have been entered on the **Monthly Operator Change Spread Sheet** on: 04/16/2002
3. Bond information entered in RBDMS on: N/A
4. Fee wells attached to bond in RBDMS on: N/A

STATE WELL(S) BOND VERIFICATION:

1. State well(s) covered by Bond Number: N/A

FEDERAL WELL(S) BOND VERIFICATION:

1. Federal well(s) covered by Bond Number: N/A

INDIAN WELL(S) BOND VERIFICATION:

1. Indian well(s) covered by Bond Number: 80273197

FEE WELL(S) BOND VERIFICATION:

1. (R649-3-1) The **NEW** operator of any fee well(s) listed covered by Bond Number N/A
2. The **FORMER** operator has requested a release of liability from their bond on: N/A
The Division sent response by letter on: N/A

LEASE INTEREST OWNER NOTIFICATION:

3. (R649-2-10) The **FORMER** operator of the fee wells has been contacted and informed by a letter from the Division of their responsibility to notify all interest owners of this change on: N/A

COMMENTS:



IN REPLY REFER TO:

United States Department of the Interior

BUREAU OF INDIAN AFFAIRS

Navajo Area Office
NAVAJO REGIONP.O. Box 1060
Gallup, New Mexico 87305-1060

AUG 30 2001

RRES/543

CERTIFIED MAIL - RETURN RECEIPT REQUESTED

Charlotte H. Harper, Permitting Supervisor
Exxon Mobil Production Company
U. S. West
P. O. Box 4358
Houston, TX 77210-4358

Dear Ms. Harper:

This is to acknowledge receipt of your company's name change from Mobil Oil Corporation to ExxonMobil Oil Corporation effective June 1, 2001. The receipt of documents includes the Name Change Certification, current listing of Officers and Directors, Listing of Leases, Financial Statement, filing fees of \$75.00 and a copy of the Rider for Bond Number 8027 31 97. There are no other changes.

Please note that we will provide copies of these documents to other concerned parties. If you need further assistance, you may contact Ms. Bertha Spencer, Realty Specialist, at (928) 871-5938.

Sincerely,

DENNETSONE

Regional Realty Officer

cc: BLM, Farmington Field Office w/enclosures ✓
Navajo Nation Minerals Office, Attn: Mr. Akhtar Zaman, Director/w enclosures

MINERAL RESOURCES	
ADM. J.	<i>AB/MC</i>
NATV. MIN. COORD.	
SOLID. MIN. TEAM	
PETRO. MIN. TEAM	<i>2</i>
O & G INSPECT. TEAM	
ALL TEAM LEADERS	
LAND RESOURCES	
ENVIRONMENT	
FILES	

ExxonMobil Production Company
U.S. West
P.O. Box 4358
Houston, Texas 77210-4358

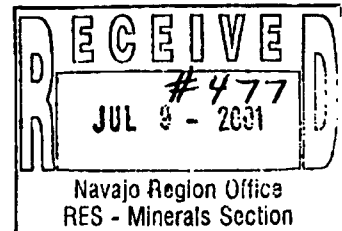
for 7/12/00/1
JK
543
File

June 27, 2001

ExxonMobil
Production

Certified Mail
Return Receipt Requested

Ms. Genni Denetsone
United States Department of the Interior
Bureau of Indian Affairs, Navajo Region
Real Estate Services
P. O. Box 1060
Gallup, New Mexico 87305-1060
Mail Code 543



Change of Name –
Mobil Oil Corporation to
ExxonMobil Oil Corporation

Dear Ms. Denetsone:

Effective June 1, 2001, Mobil Oil Corporation (MOC) changed its name to ExxonMobil Oil Corporation (EMOC). This was a name change only; EMOC is the same corporation as Mobil Oil Corporation, but with a new name. No facility or other asset was transferred from one corporation to another by virtue of the name change. Specifically, EMOC will remain the owner and operator of its existing exploration and production oil and gas properties and facilities, as well as relevant permits.

There is no change to the name of Exxon Mobil Corporation, the ultimate shareholder of EMOC.

Please note the change of name of MOC to ExxonMobil Oil Corporation in your records pertaining to any MOC permits.

The Federal Identification Number for MOC (13-5401570) will remain the same for EMOC.

Attached is the Name Change Certification, Current listing of Officers and Directors, Filing Fee of \$75/-, Listing of Leases, Financial Statement and a copy of the Rider for Bond number 8027 31 97. The original Bond Rider has been sent to Ms. Barbar Davis at your Washington Office.

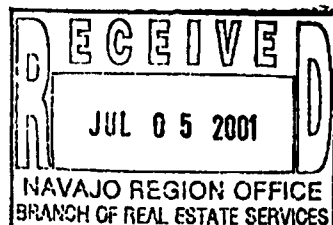
If you have any questions, please contact Alex Correa at (713) 431-1012.

Very truly yours,

Charlotte H. Harper

Charlotte H. Harper
Permitting Supervisor

Attachments



ExxonMobil Production Company
a division of Exxon Mobil Corporation,
acting for ExxonMobil Oil Corporation

NOTE: Check forwarded to Ella Issa

Bureau of Indian Affairs
Navajo Region Office
Attn: RRES - Mineral and Mining Section
P.O. Box 1060
Gallup, New Mexico 87305-1060

Gentlemen:

The current listing of officers and director of ExxonMobil Oil Corporation (Name of Corporation), of New York (State) is as follows:

OFFICERS

President	<u>F.A. Risch</u>	Address <u>5959 Las Colinas Blvd. Irving, TX 75039</u>
Vice President	<u>K.T. Koonce</u>	Address <u>800 Bell Street Houston, TX 77002</u>
Secretary	<u>F.L. Reid</u>	Address <u>5959 Las Colinas Blvd. Irving, TX 75039</u>
Treasure	<u>B.A. Maher</u>	Address <u>5959 Las Colinas Blvd. Irving, TX 75039</u>

DIRECTORS

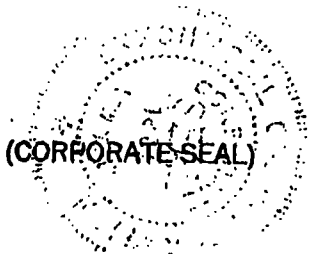
Name	<u>D.D. Humphreys</u>	Address <u>5959 Las Colinas Blvd. Irving, TX 75039</u>
Name	<u>P.A. Hanson</u>	Address <u>5959 Las Colinas Blvd. Irving, TX 75039</u>
Name	<u>T.P. Townsend</u>	Address <u>5959 Las Colinas Blvd. Irving, TX 75039</u>
Name	<u>B.A. Maher</u>	Address <u>5959 Las Colinas Blvd. Irving, TX 75039</u>
Name	<u>F.A. Risch</u>	Address <u>5959 Las Colinas Blvd. Irving, TX 75039</u>


Sincerely,



Alex Correa

This is to certify that the above information pertaining to ExxonMobil Oil Corporation (Corporation) is true and correct as evidenced by the records and accounts covering business for the State of Utah and in the custody of Corporation Service Company (Agent), Phone: 1 (800) 927-9800, whose business address is One Utah Center, 201 South Main Street, Salt Lake City, Utah 84111-2218




Signature
AGENT AND ATTORNEY IN FACT
Title

SAL

CERTIFICATION

I, the undersigned Assistant Secretary of ExxonMobil Oil Corporation. (formerly Mobil Oil Corporation), a corporation organized and existing under the laws of the State of New York, United States of America, DO HEREBY CERTIFY, That, the following is a true and exact copy of the resolutions adopted by the Board of Directors on May 22, 2001:

CHANGE OF COMPANY NAME

WHEREAS, the undersigned Directors of the Corporation deem it to be in the best interest of the Corporation to amend the Certificate of Incorporation of the Corporation to change the name and principal office of the Corporation:

NOW THEREFORE BE IT RESOLVED, That Article 1st relating to the corporate name is hereby amended to read as follows:

"1st The corporate name of said Company shall be,

ExxonMobil Oil Corporation",

FURTHER RESOLVED, That the amendment of the Corporation's Certificate of Incorporation referred to in the preceding resolutions be submitted to the sole shareholder of the Corporation entitled to vote thereon for its approval and, if such shareholder gives its written consent, pursuant to Section 803 of the Business Corporation Law of the State of New York, approving such amendment, the proper officers of the Corporation be, and they hereby are, authorized to execute in the name of the Corporation the Certificate of Amendment of Certificate of Incorporation, in the form attached hereto;

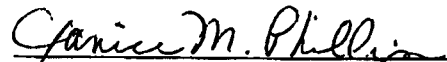
FURTHER RESOLVED, That the proper officers of the Corporation be and they hereby are authorized and directed to deliver, file and record in its behalf, the Certificate of Amendment of Certificate of Incorporation, and to take such action as may be deemed necessary or advisable to confirm and make effective in all respects the change of this Company's name to EXXONMOBIL OIL CORPORATION.

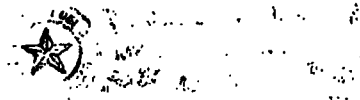
WITNESS, my hand and the seal of the Corporation at Irving, Texas, this 8th day of June, 2001.


Assistant Secretary

COUNTY OF DALLAS)
STATE OF TEXAS)
UNITED STATES OF AMERICA)

Sworn to and subscribed before me at Irving, Texas, U. S. A. on this the 8th day of June, 2001.


Notary Public



LISTING OF LEASES OF MOBIL OIL CORPORATION**Lease Number**

- 1) 14-20-0603-6504
- 2) 14-20-0603-6505
- 3) 14-20-0603-6506
- 4) 14-20-0603-6508
- 5) 14-20-0603-6509
- 6) 14-20-0603-6510
- 7) 14-20-0603-7171
- 8) 14-20-0603-7172A
- 9) 14-20-600-3530
- 10) 14-20-603-359
- 11) 14-20-603-368
- 12) 14-20-603-370
- 13) 14-20-603-370A
- 14) 14-20-603-372
- 15) 14-20-603-372A
- 16) 14-20-603-4495
- 17) 14-20-603-5447
- 18) 14-20-603-5448
- 19) 14-20-603-5449
- 20) 14-20-603-5450
- 21) 14-20-603-5451

6/1/01

CHUBB GROUP OF INSURANCE COMPANIES

One Chubb Group South, Suite 1900, Houston, Texas 77027-3300
Tel: (713) 297-4600 • Fax: (713) 297-4750

NW Bond

FEDERAL INSURANCE COMPANY RIDER
to be attached to and form a part of

BOND NO 8027 31 97

wherein

Mobil Oil Corporation and Mobil Exploration and Producing U.S., Inc. is
named as Principal and

FEDERAL INSURANCE COMPANY AS SURETY,

in favor of United States of America, Department of the Interior
Bureau of Indian Affairs

in the amount of \$150,000.00

bond date: 11/01/65

IT IS HEREBY UNDERSTOOD AND AGREED THAT effective June 1, 2001
the name of the Principal is changed

FROM: Mobil Oil Corporation and Mobil Exploration and Producing U.S., Inc.

TO : ExxonMobil Oil Corporation

All other terms and conditions of this Bond are unchanged.

Signed, sealed and dated this 12th of June, 2001.

ExxonMobil Oil Corporation

By: 

FEDERAL INSURANCE COMPANY

By: 

Mary Pierson, Attorney-in-fact

**Chubb
Surety****POWER
OF
ATTORNEY****Federal Insurance Company
Vigilant Insurance Company
Pacific Indemnity Company****Attn.: Surety Department
15 Mountain View Road
Warren, NJ 07059**

Know All by These Presents, That **FEDERAL INSURANCE COMPANY**, an Indiana corporation, **VIGILANT INSURANCE COMPANY**, a New York corporation, and **PACIFIC INDEMNITY COMPANY**, a Wisconsin corporation, do each hereby constitute and appoint **R.F. Bobo**,
Mary Pierson, **Philana Berros**, and **Jody E. Specht** of **Houston, Texas**-----

each as their true and lawful Attorney-in-Fact to execute under such designation in their names and to affix their corporate seals to and deliver for and on their behalf as surety thereon or otherwise, bonds and undertakings and other writings obligatory in the nature thereof (other than bail bonds) given or executed in the course of business, and any instruments amending or altering the same, and consents to the modification or alteration of any instrument referred to in said bonds or obligations.

In Witness Whereof, said **FEDERAL INSURANCE COMPANY**, **VIGILANT INSURANCE COMPANY**, and **PACIFIC INDEMNITY COMPANY** have each executed and attested these presents and affixed their corporate seals on this 10th day of May, 2001.


 Kenneth C. Wendel, Assistant Secretary


 Frank E. Robertson, Vice President

STATE OF NEW JERSEY)
 County of Somerset) ss.

On this 10th day of May, 2001, before me, a Notary Public of New Jersey, personally came Kenneth C. Wendel, to me known to be Assistant Secretary of **FEDERAL INSURANCE COMPANY**, **VIGILANT INSURANCE COMPANY**, and **PACIFIC INDEMNITY COMPANY**, the companies which executed the foregoing Power of Attorney, and the said Kenneth C. Wendel being by me duly sworn, did depose and say that he is Assistant Secretary of **FEDERAL INSURANCE COMPANY**, **VIGILANT INSURANCE COMPANY**, and **PACIFIC INDEMNITY COMPANY** and knows the corporate seals thereof, that the seals affixed to the foregoing Power of Attorney are such corporate seals and were thereto affixed by authority of the By-Laws of said Companies; and that he signed said Power of Attorney as Assistant Secretary of said Companies by like authority; and that he is acquainted with Frank E. Robertson, and knows him to be Vice President of said Companies; and that the signature of Frank E. Robertson, subscribed to said Power of Attorney is in the genuine handwriting of Frank E. Robertson, and was thereto subscribed by authority of said Companies in the presence of said Notary Public.



Notary Public State of New Jersey
 No. 2231647

Commission Expires Oct. 28, 2004


 Notary Public

Extract from the By-Laws of **FEDERAL INSURANCE COMPANY**, **VIGILANT INSURANCE COMPANY**, and **PACIFIC INDEMNITY COMPANY**:

"All powers of attorney for and on behalf of the Company may and shall be executed in the name and on behalf of the Company, either by the Chairman or the President or a Vice President or an Assistant Vice President, jointly with the Secretary or an Assistant Secretary, under their respective designations. The signature of such officers may be engraved, printed or lithographed. The signature of each of the following officers: Chairman, President, any Vice President, any Assistant Vice President, any Secretary, any Assistant Secretary and the seal of the Company may be affixed by facsimile to any power of attorney or to any certificate relating thereto appointing Assistant Secretaries or Attorneys-in-Fact for purposes only of executing and attesting bonds and undertakings and other writings obligatory in the nature thereof, and any such power of attorney or certificate bearing such facsimile signature or facsimile seal shall be valid and binding upon the Company and any such power so executed and certified by such facsimile signature and facsimile seal shall be valid and binding upon the Company with respect to any bond or undertaking to which it is attached."

I, Kenneth C. Wendel, Assistant Secretary of **FEDERAL INSURANCE COMPANY**, **VIGILANT INSURANCE COMPANY**, and **PACIFIC INDEMNITY COMPANY** (the "Companies") do hereby certify that

- (i) the foregoing extract of the By-Laws of the Companies is true and correct,
- (ii) the Companies are duly licensed and authorized to transact surety business in all 50 of the United States of America and the District of Columbia and are authorized by the U. S. Treasury Department; further, Federal and Vigilant are licensed in Puerto Rico and the U. S. Virgin Islands, and Federal is licensed in American Samoa, Guam, and each of the Provinces of Canada except Prince Edward Island; and
- (iii) the foregoing Power of Attorney is true, correct and in full force and effect.

Given under my hand and seals of said Companies at Warren, NJ this 12th day of June, 2001




 Kenneth C. Wendel, Assistant Secretary

IN THE EVENT YOU WISH TO NOTIFY US OF A CLAIM, VERIFY THE AUTHENTICITY OF THIS BOND OR NOTIFY US OF ANY OTHER MATTER, PLEASE CONTACT US AT ADDRESS LISTED ABOVE, OR BY
 Telephone (908) 903-3485 Fax (908) 903-3656 e-mail: surety@chubb.com

CSC

5184334741

06/01 '01 08:46 NO.410 03/05

CSC

06/01 '01 09:06 NO.135 02/04

F010601000187

**CERTIFICATE OF AMENDMENT
OF
CERTIFICATE OF INCORPORATION
OF
MOBIL OIL CORPORATION**

CSC 45

(Under Section 805 of the Business Corporation Law)

Pursuant to the provisions of Section 805 of the Business Corporation Law, the undersigned President and Secretary, respectively, of Mobil Oil Corporation hereby certify:

FIRST: That the name of the corporation is **MOBIL OIL CORPORATION** and that said corporation was incorporated under the name of Standard Oil Company of New York.

SECOND: That the Certificate of Incorporation of the corporation was filed by the Department of State, Albany, New York, on the 10th day of August, 1882.

THIRD: That the amendments to the Certificate of Incorporation effected by this Certificate are as follows:

(a) Article 1st of the Certificate of Incorporation, relating to the corporate name, is hereby amended to read as follows:

"1st The corporate name of said Company shall be,
ExxonMobil Oil Corporation,"

(b) Article 7th of the Certificate of Incorporation, relating to the office of the corporation is hereby amended to read as follows:

The office of the corporation within the State of New York is to be located in the County of Albany. The Company shall have offices at such other places as the Board of Directors may from time to time determine.

CSC
CSC

5184334741

06/01 '01 08:47 NO.410 04/05
06/01 '01 09:06 NO.133 03/04

FOURTH: That the amendments to the Certificate of Incorporation were authorized by the Board of Directors followed by the holder of all outstanding shares entitled to vote on amendments to the Certificate of Incorporation by written consent of the sole shareholder dated May 22, 2001.

IN WITNESS WHEREOF, this Certificate has been signed this 22nd Day of May, 2001.



F. A. Ritch, President 

STATE OF TEXAS)
COUNTY OF DALLAS)

F. L. REID, being duly sworn, deposes and says that he is the Secretary of MOBIL OIL CORPORATION, the corporation mentioned and described in the foregoing instrument; that he has read and signed the same and that the statements contained therein are true.



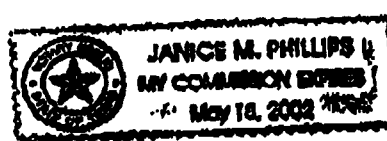
F. L. REID, Secretary

SUBSCRIBED AND SWORN TO before me, the undersigned authority, on this the 22nd day of May, 2001.

[SEAL.]



NOTARY PUBLIC, STATE OF TEXAS



CSC
CSC

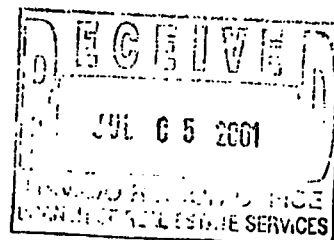
5184334741

06/01 '01 09:01 NO.411 02/02
06/01 '01 09:06 NO.133 04/04
F010601000187**CSC 45****CERTIFICATE OF AMENDMENT****OF****MOBIL OIL CORPORATION**

Under Section 805 of the Business Corporation Law

*SAC***STATE OF NEW YORK
DEPARTMENT OF STATE**Filed by: EXXONMOBIL CORPORATION
(Name)

FILED JUN 01 2001

6949 Las Colinas Blvd.
(Mailing address)TAX \$ _____
BY: *SAC*Irving, TX 75039-2298
(City, State and Zip code)*ny Albany**Cust Ref # 165578 MPJ***010601000195**

=> CSC

TEL=5184334741

06/01'01 08:19

*State of New York }
Department of State }* ss:

I hereby certify that the annexed copy has been compared with the original document in the custody of the Secretary of State and that the same is a true copy of said original.

Witness my hand and seal of the Department of State on **JUN 01 2001**



Special Deputy Secretary of State

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

DEC 27 2000

FORM APPROVED
OMB No. 1004-0135
Expires November 30, 2000

SUNDRY NOTICES AND REPORTS ON WELLS
Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.

SUBMIT IN TRIPLICATE - Other instructions on reverse side

1. Type of Well

☐ Oil Well ☐ Gas Well ☒ Other Injection Well

2. Name of Operator

Mobil Producing TX. & NM, Inc.

3a. Address P.O. Box 4358

Houston, TX 77210-4358

3b. Phone No. (include area code)

713-431-1828

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

Sec. 17 T41S R25E NW/4 SW 2140' FSL & 660' FWL

5. Lease Serial No.

14-20-603-263

6. If Indian, Allottee or Tribe Name

Navajo Tribal

7. If Unit or CA/Agreement, Name and/or No.

McElmo Creek Unit

8. Well Name and No.

McElmo Creek Unit N-23

9. API Well No.

43-037-16364

10. Field and Pool, or Exploratory Area

Greater Aneth

11. County or Parish, State

San Juan UT

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input type="checkbox"/> Other _____
	<input type="checkbox"/> Change Plans	<input checked="" type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

3. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

Attached are the procedures that were done on this well.

Approved as to plugging of the well bore.
Liability under bond is retained until
surface restoration is completed.

RECEIVED

APR 24 2006

DIV. OF OIL, GAS & MIN.

I hereby certify that the foregoing is true and correct

Name (Printed/Typed)

Cathy W. Higginbotham

Title

Staff Administrative Asst.

Signature

Cathy W. Higginbotham

Date

12/13/00

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

proved by

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Title

Date

Office

ACCEPTED FOR RECORD

Under 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

OPERATOR

BY Sum OFFICE

MCU N-23

8/9/00

MIRU WSU. Spot pump, pit, NDWH, NU and test BOPE. POOH laying down 80 joints of C/L tubing. SIFN

Costs:

Rig	\$2116
MWS	\$1161
BOPE	\$500
Halliburton	\$3750
Whitehorse	\$150
M/I	\$

Total \$7677

8/10/00

Open well and POOH laying down 78 joints of C/L tubing. MU retrieving head and RIH PU workstring (163 joints). Latch onto RBP and POOH. RIH with 163 joints open ended tubing. EOT at 5100'. SDFN

Costs:

Rig	\$2450
MWS	\$958
BOPE	\$500
Pump/Pit	\$600
Workstring	\$1785

Total	\$6293
Accumulated	\$13970

8/11/00

Opsi on well. RU Schlumberger. Conduct prejob meeting and contractor orientation. Circulate 200 bbls of freshwater to clean up the hole. Pressure test casing to 500 psi. Bled down to 435 in 20 minutes. OK'd by Joe Ruybalid with the BLM to balance the plugs without tagging. Mix and pump 50 sacks of 15.6 ppg class B cement. TOC at ~4840'. POOH laying down to 4287'. Mix and pump 50 sacks of 15.6 ppg class B cement. TOC at ~4027'. POOH laying down to 2539'. Mix and pump 200 sacks of class B 15.6 ppg cement. TOC at ~1498'. POOH standing back 42 joints and finish laying down tubing. MIRU W/L unit and RIH. Got on depth and pressured up the well to 500 psi. Shot from 1468' - 1472' with 4 spf.. Could not establish circulation. POOH, reload and RIH. Shoot again from 1366-1372'. NOTE: could not get perf guns below 1368'. We believe that there is heavier casing on top which would bring our estimated cement tops up substantially causing us to stack out on the third cement plug. Still could not establish circulation. POOH and RD wireline. RIH with tubing from the derrick and SDFN.

Costs:

Rig	\$1951
BOPE	\$ 500
MWS	\$807
Wireline	\$ 5700
Tank rental	\$ 100
Pump & Pit	\$600

Total	\$9658
Accumulated	\$23628

8/12/00

Open well. 0 psi everywhere. PU and RIH with 3 joints + 6'. ~1410'. Discussed with Joe Ruybalid w/BLM. Decided to pump 250 sacks of class B to bring TOC to ~100' from surface. RU and begin

pumping. Pumped a "dye" tracer ahead to try to verify our calculated displacements. Dye showed up early which re-enforces the idea that there is heavy pipe on top. Shut down pumping when cement was at surface. POOH laying down tubing. PU an 8" sub and closed the pipe rams and annular preventer. Pumped up to 800 psi. Took .5 bbls. Pressure bled down to ~650 psi in 15 minutes. Bumped back up to 800 psi and closed in the well.

Costs:

Rig	\$
BOPE	\$500
MWS	\$920
Tank rental	\$ 40
Pump & Pit	\$600
Cementers	\$17000
Total	\$20476
Accumulated	\$29131

8/14/00

0 psi on well. PU and RIH. Tag cement top at 130'...witnessed by Wallace Ashley with the Navajo Nation Mineral Department. POOH laying down the tubing. Notified Jim Walker with the EPA and Steve mason with the BLM of the results and our plans. NDBOPE, NUWH. Clean location and RDMOWSU. Will need to find a casing cutter to remove the wellhead. Should be done in 10-14 days.

Costs:

Rig	\$
BOPE	\$1000
MWS	\$500
Tank rental	\$40
Total	\$
Accumulated	\$

NOTE: ALL STEPS OF THIS JOB WERE DISCUSSED WITH AND APPROVED BY JOE RUYBILAD WITH THE BLM AND JIM WALKER WITH THE EPA.

10/31/00

Excavate around wellhead and cut off. Prepare to complete P/A.

MCU N-23 11-02-00

P&A

MIRU Dowell Cement truck, PU RIH w/ 3 jts 1" tbg, (64.5') dug pit, lined and fence, RU lines, pump 5 bbls cement, Class 'G' neat, up to surface, RD lines, POH LD 3 jts 1" tbg, SISD, clean location, weld cap and install marker. Well is P/A'd. This portion of the procedure was witnessed and approved by Wallace Ashley with the Navajo nation Minerals Department. Phone number is 435-651-3211.

Costs

Cementers....	\$3400.00
Gangs.....	\$750.00
Water trucks	\$500.00

Division of Oil, Gas and Mining
OPERATOR CHANGE WORKSHEET

ROUTING

1. DJJ

2. CDW

X Change of Operator (Well Sold)

Operator Name Change/Merger

The operator of the well(s) listed below has changed, effective:		6/1/2006		
<table border="1"> <tr> <td> FROM: (Old Operator): N1855-ExxonMobil Oil Corporation PO Box 4358 Houston, TX 77210-4358 Phone: 1 (281) 654-1936 </td> <td> TO: (New Operator): N2700-Resolute Natural Resources Company 1675 Broadway, Suite 1950 Denver, CO 80202 Phone: 1 (303) 534-4600 </td> </tr> </table>			FROM: (Old Operator): N1855-ExxonMobil Oil Corporation PO Box 4358 Houston, TX 77210-4358 Phone: 1 (281) 654-1936	TO: (New Operator): N2700-Resolute Natural Resources Company 1675 Broadway, Suite 1950 Denver, CO 80202 Phone: 1 (303) 534-4600
FROM: (Old Operator): N1855-ExxonMobil Oil Corporation PO Box 4358 Houston, TX 77210-4358 Phone: 1 (281) 654-1936	TO: (New Operator): N2700-Resolute Natural Resources Company 1675 Broadway, Suite 1950 Denver, CO 80202 Phone: 1 (303) 534-4600			
CA No.	Unit:	MC ELMO (UIC)		

OPERATOR CHANGES DOCUMENTATION

Enter date after each listed item is completed

- (R649-8-10) Sundry or legal documentation was received from the **FORMER** operator on: 4/21/2006
- (R649-8-10) Sundry or legal documentation was received from the **NEW** operator on: 4/24/2006
- The new company was checked on the **Department of Commerce, Division of Corporations Database** on: 6/7/2006
- Is the new operator registered in the State of Utah: YES Business Number: 5733505-0143
- If **NO**, the operator was contacted on: _____
- (R649-9-2)Waste Management Plan has been received on: requested
- Inspections of LA PA state/fee well sites complete on: n/a
- Reports current for Production/Disposition & Sundries on: ok
- Federal and Indian Lease Wells:** The BLM and or the BIA has approved the merger, name change, or operator change for all wells listed on Federal or Indian leases on: BLM n/a BIA not yet
- Federal and Indian Units:**
The BLM or BIA has approved the successor of unit operator for wells listed on: not yet
- Federal and Indian Communization Agreements ("CA"):**
The BLM or BIA has approved the operator for all wells listed within a CA on: n/a
- Underground Injection Control ("UIC")** The Division has approved UIC Form 5, **Transfer of Authority to Inject**, for the enhanced/secondary recovery unit/project for the water disposal well(s) listed on: 6/12/2006

DATA ENTRY:

- Changes entered in the **Oil and Gas Database** on: 6/22/2006
- Changes have been entered on the **Monthly Operator Change Spread Sheet** on: 6/22/2006
- Bond information entered in RBDMS on: n/a
- Fee/State wells attached to bond in RBDMS on: n/a
- Injection Projects to new operator in RBDMS on: 6/22/2006
- Receipt of Acceptance of Drilling Procedures for APD/New on: n/a

BOND VERIFICATION:

- Federal well(s) covered by Bond Number: n/a
- Indian well(s) covered by Bond Number: PA002769
- (R649-3-1) The **NEW** operator of any fee well(s) listed covered by Bond Number n/a
- The **FORMER** operator has requested a release of liability from their bond on: n/a
The Division sent response by letter on: n/a

LEASE INTEREST OWNER NOTIFICATION:

- (R649-2-10) The **FORMER** operator of the fee wells has been contacted and informed by a letter from the Division of their responsibility to notify all interest owners of this change on: n/a

COMMENTS:

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

UIC FORM 5

TRANSFER OF AUTHORITY TO INJECT

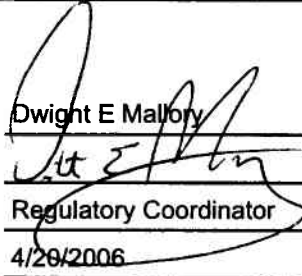
Well Name and Number See attached list	API Number Attached
Location of Well Footage : See attached list County : San Juan QQ, Section, Township, Range: State : UTAH	Field or Unit Name McElmo Creek Unit Lease Designation and Number See attached list

EFFECTIVE DATE OF TRANSFER: 6/1/2006

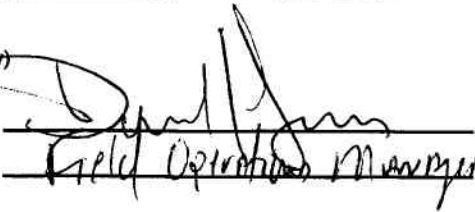
CURRENT OPERATOR

Company: Exxon Mobil Oil Corporation Name: _____
Address: PO Box 4358 Signature: _____
city Houston state TX zip 77210-4358 Title: _____
Phone: (281) 654-1936 Date: _____
Comments: Exxon Mobil has submitted a separate, signed copy of UIC Form 5

NEW OPERATOR

Company: Resolute Natural Resources Company Name: Dwight E Mallory
Address: 1675 Broadway, Suite 1950 Signature: 
city Denver state CO zip 80202 Title: Regulatory Coordinator
Phone: (303) 534-4600 Date: 4/26/2006
Comments: A list of affected UIC wells is attached.
New bond numbers for these wells are:
BIA Bond # PA002769 and US EPA Bond # B001252

(This space for State use only)

Transfer approved by: 
Title: Field Operations Manager

Approval Date: 6/12/06

Comments:

RECEIVED
APR 24 2006
DIV. OF OIL, GAS & MINING

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

5. LEASE DESIGNATION AND SERIAL NUMBER:

See attached list

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

Navajo Tribe

7. UNIT or CA AGREEMENT NAME:

McElmo Creek Unit

8. WELL NAME and NUMBER:

See attached list

9. API NUMBER:

Attached

10. FIELD AND POOL, OR WILDCAT:

Greater Aneth

1. TYPE OF WELL

OIL WELL ☐

GAS WELL ☐

OTHER Unit Agreement

2. NAME OF OPERATOR:

Resolute Natural Resources Company

N2700

3. ADDRESS OF OPERATOR:

1675 Broadway, Suite 1950

CITY

Denver

STATE

CO

ZIP

80202

PHONE NUMBER:

(303) 534-4600

4. LOCATION OF WELL

FOOTAGES AT SURFACE: See attached list

COUNTY: San Juan

QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:

STATE:

UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input checked="" type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
<input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: _____	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> OTHER: _____
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

Effective June 1, 2006 Exxon Mobil Oil Corporation resigns as operator of the McElmo Creek Unit. Also effective June 1, 2006 Resolute Natural Resources Company is designated as successor operator of the McElmo Creek Unit.

A list of affected producing and water source wells is attached. A separate of affected injection wells is being submitted with UIC Form 5, Transfer of Authority to Inject.

As of the effective date, bond coverage for the affected wells will transfer to BIA Bond # PA002769.

NAME (PLEASE PRINT)

Dwight E. Mallory

TITLE

Regulatory Coordinator

SIGNATURE

DATE

4/20/2006

(This space for State use only)

APPROVED

6/22/06

Earlene Russell

Division of Oil, Gas and Mining

Earlene Russell, Engineering Technician

(See Instructions on Reverse Side)

RECEIVED

APR 24 2006

DIV. OF OIL, GAS & MINING

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

1. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <u>Injection</u>		5. LEASE DESIGNATION AND SERIAL NUMBER:
2. NAME OF OPERATOR: ExxonMobil Oil Corporation <u>N1855</u>		6. IF INDIAN, ALLOTTEE OR TRIBE NAME: <u>Ship Rock</u>
3. ADDRESS OF OPERATOR: P.O. Box 4358 CITY <u>Houston</u> STATE <u>TX</u> ZIP <u>77210-4358</u>		7. UNIT or CA AGREEMENT NAME: <u>UTU68930A</u>
4. LOCATION OF WELL FOOTAGES AT SURFACE: _____ COUNTY: <u>San Juan</u>		8. WELL NAME and NUMBER: <u>McElmo Creek</u>
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: _____ STATE: <u>UTAH</u>		9. API NUMBER: <u>attached</u>
		10. FIELD AND POOL, OR WILDCAT: <u>Aneth</u>

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: <u>6/1/2006</u>	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input checked="" type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
<input type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: _____	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> OTHER: _____
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

ExxonMobil Oil Corporation is transferring operatorship of Greater Aneth field, McElmo Creek lease to Resolute Natural Resources Company. All change of operator notices should be made effective as of 7:00 AM MST on June 1, 2006.

Attached please find a listing of injection wells included in the transfer.

NAME (PLEASE PRINT) <u>Laurie Kilbride</u>	TITLE <u>Permitting Supervisor</u>
SIGNATURE <u>Laurie B. Kilbride</u>	DATE <u>4/19/2006</u>

(This space for State use only)

APPROVED 6/22/06
Earlene Russell
Division of Oil, Gas and Mining
Earlene Russell, Engineering Technician

(See Instructions on Reverse Side)

RECEIVED
APR 21 2006

DIV. OF OIL, GAS & MINING

GREATER ANETH FIELD UIC WELL LIST
McElmo Creek lease, San Juan County, Utah

Reg Lease Name	Well ID	API Num	Status	Reg Lease #	Surface Location						
					Qtr 1	Qtr 2	Sec	TN	RNG	NS Foot	EW Foot
MCELMO CREEK	H11	430371635000S1	Active	14-20-0603-6145	NW	SE	36	40S	24E	1855FSL	2100FEL
MCELMO CREEK	I12	430371561900S1	Active	14-20-0603-6145	SE	SE	36	40S	24E	0595FSL	0595FEL
MCELMO CREEK	F11	430371561700S1	Shut-in	14-20-0603-6146	NW	SW	36	40S	24E	1885FSL	0820FWL
MCELMO CREEK	G12	430371561800S1	Active	14-20-0603-6146	SE	SW	36	40S	24E	1910FNL	2051FWL
MCELMO CREEK	D15	430371634100S1	Active	14-20-0603-6147	NW	SE	2	41S	24E	1830FSL	1830FEL
MCELMO CREEK	A17	430371633800S1	Active	14-20-0603-6148	NE	NE	10	41S	24E	1270FNL	0660FEL
MCELMO CREEK	C14	430371626500S1	Active	14-20-0603-6509	SE	NW	2	41S	24E	2140FNL	2140FWL
MCELMO CREEK	D13	430371626700S1	Active	14-20-0603-6510	NW	NE	2	41S	24E	0820FNL	1920FEL
MCELMO CREEK	E14	430371626800S1	Active	14-20-0603-6510	SE	NE	2	41S	24E	2050FNL	0500FEL
MCELMO CREEK	T08	430371637700S1	Shut-in	14-20-603-2048A	SW	SE	28	40S	25E	0660FSL	1980FEL
MCELMO CREEK	R09	430371614700S1	Active	14-20-603-2057	NW	NW	33	40S	25E	0500FNL	0625FWL
MCELMO CREEK	R11A	430373017900S1	Active	14-20-603-2057	NW	SW	33	40S	25E	2030FSL	0680FWL
MCELMO CREEK	R13	430371614800S1	Active	14-20-603-2057	NW	NW	4	41S	25E	0660FNL	0660FWL
MCELMO CREEK	R15	430371614900S1	Active	14-20-603-2057	NW	SW	4	41S	25E	1990FSL	0500FWL
MCELMO CREEK	S10	430371637500S1	Active	14-20-603-2057	SE	NW	33	40S	25E	1980FNL	1980FWL
MCELMO CREEK	S12	430371615000S1	Active	14-20-603-2057	SE	SW	33	40S	25E	0645FSL	2140FWL
MCELMO CREEK	S14	430371615100S1	Active	14-20-603-2057	SE	NW	4	41S	25E	2005FNL	1820FWL
MCELMO CREEK	S16	430371615200S1	Active	14-20-603-2057	SE	SW	4	41S	25E	0700FSL	1820FWL
MCELMO CREEK	T09A	430373008000S1	Active	14-20-603-2057	NW	NE	33	40S	25E	0940FNL	2035FEL
MCELMO CREEK	T13	430371637800S1	Active	14-20-603-2057	NW	NE	4	41S	25E	0500FNL	2090FEL
MCELMO CREEK	T15	430371637900S1	Active	14-20-603-2057	NW	SE	4	41S	25E	1880FSL	1890FEL
MCELMO CREEK	U10	430371638100S1	Active	14-20-603-2057	SE	NE	33	40S	25E	1980FNL	0610FSL
MCELMO CREEK	U12	430371615500S1	Active	14-20-603-2057	SE	SE	33	40S	25E	0660FSL	0805FEL
MCELMO CREEK	U14	430371615600S1	Active	14-20-603-2057	SE	NE	4	41S	25E	1980FNL	0660FEL
MCELMO CREEK	U16	430371615700S1	Active	14-20-603-2057	SE	SE	4	41S	25E	0550FSL	0745FEL
MCELMO CREEK	V13	430371638300S1	Active	14-20-603-2057	NW	NW	3	41S	25E	0660FNL	0660FWL
MCELMO CREEK	V15	430371638400S1	Active	14-20-603-2057	NW	SW	3	41S	25E	1980FSL	0560FWL
MCELMO CREEK	J17	430371549800S1	Active	14-20-603-263	NW	NW	7	41S	25E	0820FNL	0550FWL
MCELMO CREEK	J19	430371635600S1	Active	14-20-603-263	NW	SW	7	41S	25E	2056FNL	1997FWL
MCELMO CREEK	J21	430371549900S1	Active	14-20-603-263	NW	NW	18	41S	25E	0400FNL	0575FWL
MCELMO CREEK	K18	430371635700S1	Active	14-20-603-263	SE	NW	7	41S	25E	1830FNL	1808FWL
MCELMO CREEK	K20	430371550300S1	Active	14-20-603-263	SE	SW	7	41S	25E	0660FSL	1810FWL
MCELMO CREEK	K22X	430373040000S1	Active	14-20-603-263	SE	NW	18	41S	25E	2082FNL	1588FWL
MCELMO CREEK	K24	430371635800S1	Active	14-20-603-263	SE	SW	18	41S	25E	0660FSL	1801FWL
MCELMO CREEK	L17	430371636000S1	Active	14-20-603-263	NW	NE	7	41S	25E	0660FNL	1980FEL
MCELMO CREEK	L19	430371550500S1	Active	14-20-603-263	NW	SE	7	41S	25E	1860FSL	2140FEL
MCELMO CREEK	L21	430371550600S1	Active	14-20-603-263	NW	NE	18	41S	25E	0820FNL	1980FEL
MCELMO CREEK	L23	430371550700S1	Active	14-20-603-263	NW	SE	18	41S	25E	1980FSL	1980FEL
MCELMO CREEK	M18	430371551000S1	Active	14-20-603-263	SE	NE	7	41S	25E	1850FNL	0790FEL
MCELMO CREEK	M20	430371551100S1	Shut-in	14-20-603-263	SE	SE	7	41S	25E	0660FSL	0660FEL
MCELMO CREEK	N17	430371551400S1	Active	14-20-603-263	NW	NW	8	41S	25E	0810FNL	0660FWL
MCELMO CREEK	N19	430371551500S1	Active	14-20-603-263	NW	SW	8	41S	25E	1850FSL	0500FWL
MCELMO CREEK	N21	430371551600S1	Active	14-20-603-263	NW	NW	17	41S	25E	0660FNL	0660FWL
MCELMO CREEK	O18	430371551700S1	Active	14-20-603-263	SE	NW	8	41S	25E	1830FNL	1890FWL
MCELMO CREEK	P17	430371551900S1	Active	14-20-603-263	NW	NE	8	41S	25E	0660FNL	1980FEL

GREATER ANETH FIELD UIC WELL LIST
McElmo Creek lease, San Juan County, Utah

Reg Lease Name	Well ID	API Num	Status	Reg Lease #	Surface Location						
					Qtr 1	Qtr 2	Sec	TN	RNG	NS Foot	EW Foot
MCELMO CREEK	P19	430371552000S1	Active	14-20-603-263	NW	SE	8	41S	25E	2140FSL	1980FEL
MCELMO CREEK	P21	430371636900S1	Active	14-20-603-263	NW	NE	17	41S	25E	0660FNL	1980FEL
MCELMO CREEK	P23A	430373143900S1	Active	14-20-603-263	SW	NE	17	41S	25E	2531FNL	2325FEL
MCELMO CREEK	L25	430371550800S1	Active	14-20-603-264	NW	NE	19	41S	25E	0660FNL	1980FEL
MCELMO CREEK	R17	430371597600S1	Active	14-20-603-359	NW	NW	9	41S	25E	0740FNL	0560FWL
MCELMO CREEK	R19	430371637300S1	Active	14-20-603-359	NW	SW	9	41S	25E	1980FSL	0660FWL
MCELMO CREEK	R21	430371637400S1	Active	14-20-603-359	NW	NW	16	41S	25E	0511FNL	0562FWL
MCELMO CREEK	T17	430371638000S1	Active	14-20-603-359	NW	NE	9	41S	25E	0675FNL	1933FEL
MCELMO CREEK	E21	430371634300S1	Active	14-20-603-370	NE	NE	14	41S	24E	0660FNL	0660FEL
MCELMO CREEK	E23	430371634400S1	Active	14-20-603-370	NE	SE	14	41S	24E	2031FSL	0711FEL
MCELMO CREEK	G21A	430373097400S1	Active	14-20-603-370	NE	NW	13	41S	24E	0867FNL	1883FWL
MCELMO CREEK	G23	430371634800S1	Shut-in	14-20-603-370	NE	SW	13	41S	24E	2092FSL	1899FWL
MCELMO CREEK	G25	430371634900S1	Active	14-20-603-370	NE	NW	24	41S	24E	0660FNL	1980FWL
MCELMO CREEK	I23	430371635200S1	Active	14-20-603-370	NE	SE	13	41S	24E	1980FSL	0660FEL
MCELMO CREEK	I25	430371635300S1	Active	14-20-603-370	NE	NE	24	41S	24E	0530FNL	0820FEL
MCELMO CREEK	J11	430371635400S1	TA'd	14-20-603-372	NW	SW	31	40S	25E	1980FSL	0660FWL
MCELMO CREEK	J13	430371635500S1	Active	14-20-603-372	NW	NW	6	41S	25E	0621FNL	0580FWL
MCELMO CREEK	J15	430371595400S1	Active	14-20-603-372	NW	SW	6	41S	25E	1980FSL	0500FWL
MCELMO CREEK	K12	430371595500S1	Active	14-20-603-372	SW	SW	31	40S	25E	0670FSL	1970FWL
MCELMO CREEK	K14	430371595600S1	Active	14-20-603-372	SE	NW	6	41S	25E	1851FNL	1885FWL
MCELMO CREEK	K16	430371595700S1	Active	14-20-603-372	SE	SW	6	41S	25E	0660FSL	1816FWL
MCELMO CREEK	L09	430371635900S1	Active	14-20-603-372	NW	NE	31	40S	25E	0660FNL	1980FEL
MCELMO CREEK	L13	430371595900S1	Active	14-20-603-372	NW	NE	6	41S	25E	0778FNL	1917FEL
MCELMO CREEK	L15	430371596000S1	Active	14-20-603-372	NW	SE	6	41S	25E	1820FSL	1830FEL
MCELMO CREEK	M10	430371596100S1	Shut-in	14-20-603-372	SE	NE	31	40S	25E	1980FNL	0530FEL
MCELMO CREEK	M12	430371596200S1	Active	14-20-603-372	SE	SE	31	40S	25E	0590FSL	0585FEL
MCELMO CREEK	M14	430371596300S1	Active	14-20-603-372	SE	NE	6	41S	25E	2089FNL	0773FEL
MCELMO CREEK	M16	430371636100S1	Active	14-20-603-372	SE	SE	6	41S	25E	0660FSL	0660FEL
MCELMO CREEK	N09	430371596400S1	Shut-in	14-20-603-372	NW	NW	32	40S	25E	0628FNL	0615FWL
MCELMO CREEK	N11	430371596500S1	Active	14-20-603-372	NW	SW	32	40S	25E	2069FSL	0618FWL
MCELMO CREEK	N13	430371596600S1	Active	14-20-603-372	NW	NW	5	41S	25E	0840FNL	0505FWL
MCELMO CREEK	N15	430371636300S1	Active	14-20-603-372	NW	SW	5	41S	25E	2140FSL	820FWL
MCELMO CREEK	O12	430371596800S1	Active	14-20-603-372	SE	SW	32	40S	25E	0809FSL	1832FWL
MCELMO CREEK	O14	430371636500S1	Active	14-20-603-372	SE	NW	5	41S	25E	2056FNL	1997FWL
MCELMO CREEK	O16	430371596900S1	Active	14-20-603-372	SE	SW	5	41S	25E	0660FSL	1980FWL
MCELMO CREEK	P09	430371636700S1	Active	14-20-603-372	NW	NE	32	40S	25E	0598FNL	2100FEL
MCELMO CREEK	P11	430371597101S2	Active	14-20-603-372	NW	SE	32	40S	25E	2105FSL	2006FEL
MCELMO CREEK	P13	430371636800S1	Active	14-20-603-372	NW	NE	5	41S	25E	0610FNL	1796FWL
MCELMO CREEK	P15	430371597200S1	Active	14-20-603-372	NW	SE	5	41S	25E	1980FSL	1980FEL
MCELMO CREEK	Q10	430371597301S1	Active	14-20-603-372	SE	NE	32	40S	25E	1899FNL	0532FEL
MCELMO CREEK	Q16	430371597500S1	TA'd	14-20-603-372	SE	SE	5	41S	25E	0660FSL	0660FEL
MCELMO CREEK	F13	430371634500S1	Active	14-20-603-4032	NW	NW	1	41S	24E	0795FNL	0535FWL
MCELMO CREEK	F15A	430373114900S1	Active	14-20-603-4032	NW	SW	1	41S	24E	1920FSL	0624FWL
MCELMO CREEK	G14	430371614300S1	Active	14-20-603-4032	SE	NW	1	41S	24E	1980FNL	1980FWL
MCELMO CREEK	G16	430371614400S1	Active	14-20-603-4032	SE	SW	1	41S	24E	0820FSL	1820FWL
MCELMO CREEK	H13	430371635100S1	Active	14-20-603-4032	NW	NE	1	41S	24E	0540FNL	2110FEL
MCELMO CREEK	I-14	430371614500S1	Active	14-20-603-4032	SE	NE	1	41S	24E	1980FNL	0660FEL

GREATER ANETH FIELD UIC WELL LIST
McElmo Creek lease, San Juan County, Utah

Reg Lease Name	Well ID	API Num	Status	Reg Lease #	Surface Location							
					Qtr 1	Qtr 2	Sec	TN	RNG	NS Foot	EW Foot	
MCELMO CREEK	F17	430371549300S1	Active	14-20-603-4039	NW	NW	12	41S	24E	0740FNL	0500FWL	
MCELMO CREEK	G18	430371549400S1	Active	14-20-603-4039	SE	NW	12	41S	24E	1980FNL	1980FWL	
MCELMO CREEK	H15	430371549500S1	Active	14-20-603-4039	NW	SE	1	41S	24E	1980FSL	1980FEL	
MCELMO CREEK	H17	430371549600S1	Active	14-20-603-4039	NE	NW	12	41S	24E	0660FNL	1980FEL	
MCELMO CREEK	I18	430371570900S1	Active	14-20-603-4495	SE	NE	12	41S	24E	1840FNL	0555FEL	
MCELMO CREEK	E19	430371634200S1	Shut-in	14-20-603-5449	NE	SE	11	41S	24E	1980FSL	0660FEL	
MCELMO CREEK	G19	430371634600S1	Active	14-20-603-5450	NE	SW	12	41S	24E	1350FSL	1800FWL	
MCELMO CREEK	I20	430371571000S1	Active	14-20-603-5451	SE	SE	12	41S	24E	0990FSL	0500FEL	
MCELMO CREEK	N07	430371636200S1	Active	I-149-IND-8839	NE	SW	29	40S	25E	2083FSL	745FWL	
MCELMO CREEK	P07	430371636600S1	Active	I-149-IND-8839	NW	SE	29	40S	25E	1820FSL	2140FEL	
MCELMO CREEK	O10	430371596700S1	Active	NOG99041325	SE	NW	32	40S	25E	2086FNL	1944FWL	